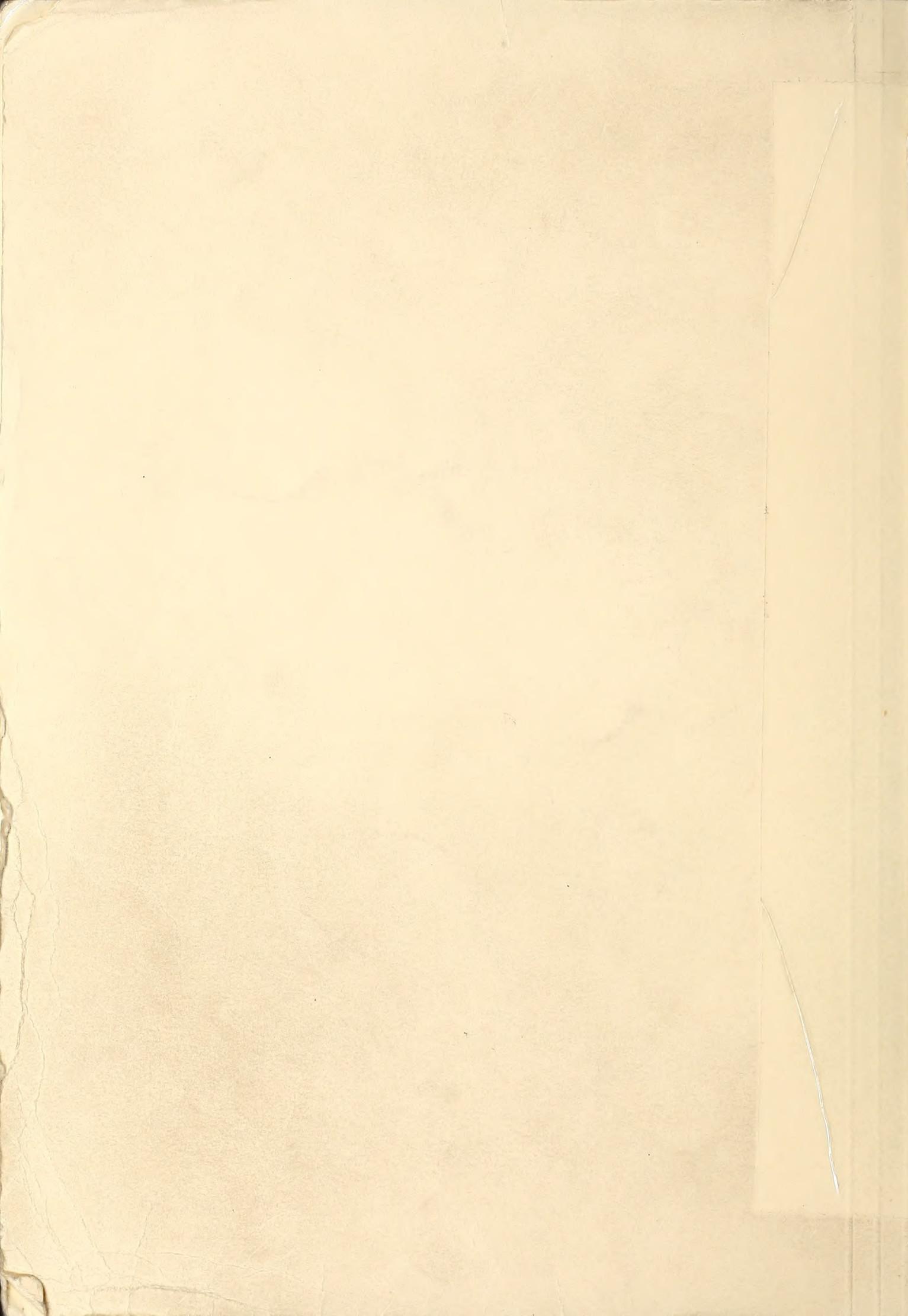


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D. F. C. & Co.
Los Angeles Branch,
ORCHID SEED & PLANT CO.
1895

PLANT
CATALOGUE

THE
UNITED
STATES
NURSERIES,
SHORT HILLS,
NEW JERSEY,
U.S.A.

625

Orchids,
Palms,
Ferns,
Foliage,
AND
Flowering
Plants,
Chrysanthemums
Hardy Plants
AND
Shrubs.

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WORLD'S FAIR AWARDS.

At the World's Columbian Exposition in Chicago our exhibits received

25 Gold Medals and Diplomas,

being the highest awards in each of the several Departments in which we entered for competition, as shown by the following list:

Collection of Orchids.

Collection of Hardy Perennials.

Display of Bulbs.

Display of Seeds.

Collection of Flowering Annuals.

Display of Lilies.

Collection of Palms.

Collection of Tree Ferns.

Collection of Araucarias.

Collection of Ferns.

Collection of Ornamental Foliage Plants.

Collection of Bay Trees.

Display of Floral Photographs.

Collection of Cycads.

Collection of Iris.

Collection of Pyrethrums.

Collection of Roses.

Collection of Rhododendrons.

Datura Cornucopia (Horn of Plenty).

Dioon spinulosum.

Macrozamia Mackenzii.

Encephalartos Caffra.

Kentia Forsteriana.

Canna, Madame Crozy.

Canna, F. L. Harris.

To Our Customers.

This catalogue has been prepared to send out free of charge to all applicants. It has of necessity been condensed, the wide range of articles which go to make up our unequaled stock making it impossible to print extended descriptions, nor, indeed, to include one-half of the valuable and interesting plants which we have on hand. We have included the best varieties only. No plant mentioned is without its distinct merit.

The plants described on the blue pages (2 to 16) are Novelties, either new introductions, new hybrids, or varieties which have been, heretofore, too rare for general distribution. Following this (pages 17 to end) will be found a condensed descriptive list of the best varieties of plants in all of the several departments which make up our extensive establishment.

Seeds.

We publish also a complete Catalogue of Vegetable and Flower Seeds and Bulbs for Spring planting, which is a well printed and handsomely illustrated book of 92 pages, and which is also sent free on application to any address.

The seed business is a department to which we give especial attention. It has been our aim since the inauguration of this department, and will continue to be such, to have all our seeds true to name, of the highest germinating power, and in every way such as will best advertise our business and bring us new customers. We have in stock every variety of Vegetable and Flower Seeds which have any commercial value and for which there is any demand.

Terms on Which We Do Business.

To BE READ CAREFULLY BEFORE ORDERING.

All correspondence should be addressed to Pitcher & Manda, and not to any of the employés.

Remittances may be made by Check, Draft, Post Office Money Order on the New York Post Office, Express Money Order, Postal Note, or by money in Registered Letter. Postage stamps will be accepted for amounts less than one dollar.

Postage and Express Charges. All small plants will, if so requested, be sent by mail prepaid at the prices quoted. But we most strongly recommend our customers to have their plants sent by express, except to far distant points, as in sending plants by mail we are necessarily obliged to shake all the soil off the roots, and to send small plants, otherwise postage would amount to more than we receive for the goods. By express we can leave most of the soil about the roots, and can send larger and heavier plants, which will arrive in much better condition.

No charge is made for boxes, packing, or delivery at the railroad station. All goods are packed by experts, and will travel safely to any part of the world. We guarantee the safe arrival of all goods sent by express, but are in no wise responsible, after they leave our hands, for goods sent by mail or by freight.

Orders should be sent as early in the season as possible, that we may have ample time for their execution. Write order on enclosed order blank, and be particular to write name, post office, etc., as plainly as possible, to prevent mistakes.

PITCHER & MANDA, SHORT HILLS, N. J.



CHRYSANTHEMUM NO. 1500, "PITCHER & MANDA."

THE
PITCHER & MANDA
CHrysanthemum.

No. 1500.

This is the most striking Novelty in Chrysanthemums, and as an innovation can be compared only to Mrs. Alpheus Hardy, which was introduced from Japan and disseminated by us.

This new variety is a seedling of our own raising, and the Queen of upwards of 33,000 seedlings raised to a flowering stage from a single sowing in 1892. It blossomed in the autumn of that year, but was not exhibited at any of the shows. We got up a good stock of plants during the next year, and last fall this variety attracted more attention and received more encomiums from the press of the country than any other variety.

Description.

The plant is of fine habit, with large dark green leaves. The flowers are very large, of an entirely new type, both in form and color. The distinct and important point in this new variety—and in this it stands without a peer—is the color. The central area is of a CLEAR CANARY YELLOW, while the outer five or six rows of petals are PURE WHITE. This strong contrast in color gives the flower an unique appearance. *See illustration on opposite page.*

We do not raise the price of this grand novelty, but put it as low as hundreds of inferior varieties, that Chrysanthemum lovers may have it in their collections.

Price: 60 cents each; \$6.00 per doz.; \$45.00 per 100.



CHRYSANTHEMUM No. 588, "Mrs. GEO. WEST." (See page 6.)

New Chrysanthemums.

Among Chrysanthemum lovers it is well known that we are the most prominent growers and introducers of New Chrysanthemums in the world. The grand new varieties exhibited in the Fall of 1893, and now offered for sale for the first time in this catalogue, will sustain our position.

Those offered below are the very cream of upwards of 33,000 seedlings, which first flowered in 1892, and which were given a second trial, and found worthy in 1893. Among them will be found several varieties of striking distinctness in either color or form, making them novelties of the very first class, while others are improvements upon existing forms.

As usual, at the New York Show in 1893, the bulk of the prizes came to us. In the section for Chrysanthemum plants alone, we took first prizes in 18 out of the 20 classes in which we exhibited, and these first prizes amounted to \$780.00; no doubt, the largest sum ever won as prizes on Chrysanthemum plants by any one grower at any exhibition. And this does not include the prizes awarded for cut Chrysanthemums, nor those for plants and flowers in other classes.

For a list of the prizes won by us at the New York show, the reader is referred to the third cover page of this catalogue.

The number following each name is that under which the original plant was grown during its second season of trial. It is given for the convenience of those visitors who made memoranda at our Fall exhibition in 1893.

Early-Flowered Set.

Early-flowered Chrysanthemums are rapidly increasing in popularity, and this season we are able to offer a number of distinct and valuable additions to this class.

Georgienne Bramhall. (No. 760.) This is one of the most distinct varieties of its season. The habit, stem, and foliage are all good. The flower is perfectly incurved, of a beautiful primrose-yellow. Will make fine exhibition blooms or specimen plants.

Mrs. James B. Crane. (No. 194.) A very fine grower, with thick, stout stem, and large leaves. Flower large, open, incurved, of the richest deep rose color, reminding one of a Paeony. A very early and fine variety.

Mrs. H. McK. Twombly. (No. 315.) Of dwarf habit, with close-set foliage and stiff stem. Flower very large, perfectly double, incurved, of a beautiful white, shaded with pink. A grand early variety.

The Livingstone. (No. 8.) Of very free habit. Ground color of flower Indian red, with numerous circular spots of yellow. Well adapted for either bush specimens or for growing to single flowers.

Bonnie Marjorie. (No. 705.) Habit medium, stem and foliage good. Flower large, perfectly incurved, very high, of a rich primrose-yellow. A grand early variety.

Charlotte. (No. 165.) A grand early variety, growing to a medium height, with fine stout stem and good foliage. The flowers are very large, of good substance, incurved, of a pearly white color.

Miss Florence Pullman. (No. 360.) Of medium height, with stout stem, and closely-set, dark-green foliage. The flowers are enormously large, high built, with broad, pure white petals.

Miss E. T. Hulst. (No. 200.) Habit extra fine, of medium height, with very stiff and stout stem, and fine foliage. Flower very large, incurved; in color, a fine pink. Very early.

Mrs. George H. Morgan. (*Marjorie Hoffmann.*) (No. 530.) Habit short, stem good. Flower very large, incurved, of good substance, pure golden yellow. A very fine variety.

Price : 60 cents each; \$6.00 per dozen; \$45.00 per 100.

The set of 9 varieties, 1 of each, for \$4.50.

Midseason Set.

Mrs. Florence P. Langham. (No. 220.) Of medium height, with stiff stem and good foliage. Flower very large, loosely incurved, of a beautiful soft rose color. A fine and striking variety.

Jessie Godfrey. (No. 218.) Of medium height, with a somewhat weak stem, but good foliage. The weak stem is compensated for by the extra large flower, perfectly incurved, white, very slightly tinged with pink. A fine variety for specimen blooms.

Miss E. H. Kingsley. (No. 92.) Habit, foliage and stem good. Flower large, irregularly incurved, petals light silvery pink outside, and deep rose-pink inside; a beautiful and distinct color. *Awarded two first class certificates.*

Thomas Emerson. (No. 557.) A grand variety with short, stout stem and very large leaves. Flower large, loosely incurved, of a beautiful deep orange-red color.

Mrs. George West. (No. 588.) One of the strongest growing varieties, with fine, closely-set foliage and stout, stiff stem. Flower of medium size, petal very broad, of a rich rose purple inside and silvery pink outside, perfectly incurved. See illustration, page 4.

W. C. Cook. (*Chas. A. Jessup*) (No. 325.) Habit tall, stem strong, foliage good. Flower large, incurved, composed of massive, broad petals of a bright orange-yellow color. A fine variety.

Price : 60 cents each ; \$6.00 per doz. ; \$45.00 per 100.

The set of 6 varieties, 1 of each, for \$3.00.

Late Set.

Miss Tocie Belle Harper. (No. 569.) Habit medium, stem and foliage good. Flower large, incurved, made up of innumerable pure white petals. A very fine late variety.

Mrs. John H. Starin. (No. 320.) Of medium height, with stout stem and good, closely-set foliage. Flower very large, perfectly double, pure white, with broad petals.

Mrs. Paul Wilcox. (No. 331.) Habit short, stem very stout, foliage fine. Flower very large, incurved, orange-yellow, of great substance.

Mrs. Mary A. Forepaugh. (No. 370.) Stem stiff, foliage good, habit medium. Flower very large, incurved, well built up, of a rich rose pink color, tipped with yellow. A grand flower.

J. J. Hill. (No. 314.) Habit medium, stem stiff, foliage good. Flower very large, reflexed, deep yellow.

Mrs. W. K. Vanderbilt. (No. 154.) Grows to a medium height, with fine stiff stem and closely-set, dark green foliage. Flower very large, composed of innumerable pure white petals.

Mrs. Archibald Rogers. (No. 87.) A very late variety, of rather tall habit, with very stout stem and fine foliage. Flower very large and spreading, of a deep rose color inside and silvery pink outside. The latest flowering variety we know.

Price : 60 cents each ; \$6.00 per doz. ; \$45.00 per 100.

The set of 7 varieties, 1 of each, for \$3.50.

Incurved Set.

Mrs. Howard Rinek. (No. 120.) Habit short and good, stem stout, foliage dark green. Flower very large, well built up, perfectly incurved, and of a rich rosy color, very slightly hairy.

Miss Agnes L. Clucas. (No. 307.) Habit short, stem stout and foliage good. Flower high, well formed, of a rich bronze-yellow color.

Mrs. Marshall Crane. (No. 841.) Habit tall, with fair stem and fine foliage. Flowers extremely large, incurved, of a creamy white color. A grand exhibition variety.

Mrs. James Eadie. (No. 1215.) Habit short, stem stout, foliage good. Flower of medium size, perfectly incurved, of a beautiful silvery pink.

George Schlegel. (No. 09.) Plant of medium height with fine foliage. Flower very large, perfectly incurved, high and massive, pure white.

INCURVED SET—Continued.

Mrs. Charles Lanier. (No. 2.) Of medium height, with good strong stem and fine foliage. Flower very large, of good substance, well built up by the numerous yellow petals.

Mrs. E. O. Wolcott. (No. 975.) Habit very dwarf, with fine stout stem and good foliage. Flower very large, making a perfect incurved ball, of a beautiful silvery pink color. A grand variety for any purpose.

Mrs. George J. Magee. (No. 140.) Plant of fine dwarf habit, with stout stem and fine, close set leaves. The flower is composed of a multitude of petals forming a perfect ball, of a silvery pink color. A grand exhibition variety.

Mrs. A. H. Ewing. (No. 231.) Plant of medium height, with good stem and foliage. Flower high, well shaped, of a beautiful orange-yellow. A fine late variety.

Price: 60 cents each; \$6.00 per doz.; \$45.00 per 100.

The set of 9 varieties, 1 of each, for \$4.50.

Reflexed Set.

Elizabeth Bisland. (No. 769.) Habit medium, foliage and stem fair. Flower enormously large, composed of a multitude of silvery pink petals.

Dorothy Toler. (No. 924.) Habit excellent, foliage thick, dark green; stem stout. Flower of medium size, beautifully formed, of a warm rose color, tipped with red. A most beautiful variety.

Adele Merz. (*Stanley Baxter.*) (No. 641.) Plant of excellent habit, with extra stout and stiff stem. Flower of medium size, of deep rose color and good substance.

Mrs. George M. Pullman. (No. 222.) Habit excellent, stem stout and foliage luxuriant. Flower very large, rudely reflexed, of the deepest yellow. A most striking flower on account of its color and very valuable for its earliness.

Mrs. Sarah Rose. (No. 417.) Of medium height, good stem, and fine, large, dark green leaves. The flower is very large, perfectly double, with reflexed petals, soft rose, tinged with salmon. This coloring is unique and distinct.

Mrs. W. R. Merriam. (No. 490.) Plant of medium height, with good stem and fine foliage. Flower very large, loosely built, of a beautiful soft pink color.

Price: 60 cents each; \$6.00 per doz.; \$45.00 per 100.

The set of 6 varieties, 1 of each, for \$3.00.

Hairy Set.

Robert M. Grey. (No. 433.) Foliage and stem good. Flower large, loosely built, of a terra cotta color. Petals covered with a very dense capillary outgrowth, which gives the flower a unique appearance. One of the most distinct in its class.

Hon. Thomas Lowry. (No. 338.) Habit short, with stout stem and fine dark green foliage. Flower of medium size, incurved, the color a curious and indescribable mixture of yellow, red, and rose.

Miss Louise Hartshorn. (No. 432.) Habit and foliage good, stem stiff. Flower large, incurved, rather full, of a fine pink, shading to yellow towards the centre; petals very hairy.

Katherine Richards Gordon. (No. 79.) Habit very short, stem stout, with extra good foliage. Flower of medium size, incurved, hairy, of good substance. Color, soft white, shaded pink towards the centre. An excellent variety, and very early.

Price: 60 cents each; \$6.00 per doz.; \$45.00 per 100.

The set of 4 varieties, 1 of each, for \$2.00.

Anemone-Flowered Set.

Among the Anemone-Flowered Chrysanthemums this year, we are able to offer some striking Novelties.

We were awarded Prizes at the World's Fair Chrysanthemum Show, at the New York Show, and at the Newport Show, for collection of Anemones.

Mrs. F. Gordon Dexter. (No. 5.) A most extraordinary variety, of good habit and fine foliage. The rays are white, in a double row; centre deep rose pink, shaded with red. A most unique and attractive variety, well adapted for specimens.

Garza. (No. 1.) Flower large, ray petals broad, in a single row, pure white; centre well formed, white, tipped yellowish.

American Eagle. (No. 2.) Flower very large and high; rays white, in a single, well-filled row; centre rose-purple.

Partridge. (No. 4.) A striking flower of medium size, the centre being two-thirds of the diameter of the flower, of a peculiar yellowish pink, almost a terra cotta; rays broad, slightly twisted, dull purplish red. A strange and unusual combination of odd and peculiar colors.

Yellow Hammer. (No. 13.) Flower large, bright chrome-yellow; rays broad, slightly twisted, in two rows; centre compact and well rounded.

Condor. (No. 14.) Very large, rays tubular, scattered, rose-purple; close crowded centre, rose-purple, yellow tipped.

Titmouse. (No. 18.) Large, scattered, tubular; rays white, pink tinted; centre well formed; pale straw-yellow.

Silver Bill. (No. 9.) Habit of plant very dwarf. Flower large, the outer petals pure white; the inner same color, but the tips of the tubes are yellow. A fine early flowering variety.

Tanager. (No. 29.) Rays in several rows, tubular and close-set, deep purplish rose; centre flat, orange vermillion, with narrow yellow line about the mouth of each tube. A striking flower of new and distinct colors.

Red Robin. (No. 25.) Of medium size, rays tubular, scattered. Whole flower rose-purple. Habit dwarf.

Toucan. (No. 37.) Rays broad, in a single row of an odd shade of reddish buff; tubular petals of well formed centre; bright yellow within, pale yellow without.

Falcon (No. 26.) Flower of medium size rays pure white, broad and flat, in two or three rows; centre pale straw-yellow; slightly flushed reddish within the tubes.

Price : 60 cents each; \$6.00 per doz.; \$45.00 per 100.

The set of 12 varieties, 1 of each, for \$6.00.

Chrysanthemums—Old Standard Varieties.

We are able to furnish all the standard varieties introductions of former years, and old favorites, at very low prices this season, and any one wishing to secure a fine collection can do so at very little cost. These include all varieties from the very earliest to the latest, and from the Incurved to the Anemone-flowered section. Such varieties as Queen, Mrs. Alpheus Hardy, Mr. Hicks Arnold, Mr A. J. Drexell, Miss Minnie Wanamaker, Fascination, Mr. W. G. Newett, Nevius, and many others too numerous to mention and which need no description, having stood the test and taken prizes wherever exhibited.

Price : 20 cents; \$1.50 per dozen.

New Chrysanthemums of Other Growers.

We can supply rooted cuttings of any of the new introductions found in the catalogues of any other dealers at their advertised price. We have space to name but a few of the best. The descriptions are those given by the growers themselves.

John N. May's Introductions for 1894:

Achilles. Large, bold, incurved flower, when opening of a soft shaded pink, gradually changing to a pearl white when fully developed. Won prize at the New York Show.

Minerva. Bold, massive flower, very incurved, the outer petals drooping, of the most vivid clear yellow. Certificate of merit at New York and Philadelphia.

Yellow Queen. Very large, clear, bright yellow. Very early, and is said to develop its flowers in the open air without protection:

Price: 50 cents each; the 3 varieties for \$1.25.

E. G. Hill & Co.'s Introductions for 1894:

Mrs. E. G. Hill. Clear, pearl pink, 7 to 8 inches in diameter, 3 to 4 inches deep; full centre, incurving, stem stiff, free grower, luxuriant foliage; early. Awarded Columbian Medal at Chicago.

Eugene Dailedouze. Fine yellow, large full double blooms, stiff stem, and magnificent foliage; free grower. Awarded Columbian Medal, besides other prizes and certificates.

Challenge. Late variety; golden yellow; deep and wide, forming a perfect globe; stem strong and foliage good; somewhat dwarf in habit. Was awarded several premiums and prizes the past season.

Beau Ideal. Bright rose-pink, form somewhat flat; incurved, outer petals horizontal; flower good size and of great substance; stem stiff and foliage good.

Price: 75 cents each; the 4 varieties for \$2.50.

Nathan Smith & Sons' Introductions for 1894:

Laredo.
Iora.

J. A. Pettigrew.
Miss Hattie Bailey.

Oriana.
Ingomar.

Price: 75 cents each; the 6 varieties for \$4.00.

T. H. Spaulding's Introductions for 1894:

Thomas H. Brown.
Miss G. H. Bates.
Mrs. W. H. Trotter.
Esther Cleveland.
J. L. Beckett.
Frank Hatfield.
Shawmut.
Mrs. John Dallas.
White Rock.

Fair View.
Judge Addison Brown
Cinderella.
Wm. Plumb.
Eiderdown
Snowflake.
Mrs. R. English.
Judge C. S. Benedict.

Maud Pierson
Silver Cloud.
J. Pithers.
Great Republic.
Christa Bell.
Mary Hill.
Wanless.
Goliath.

Price: 75 cents each; the 25 varieties for \$16.00.

PITCHER & MANDA'S Prize Chrysanthemum Seed.

Our collection of these favorite Autumn blooming plants is acknowledged to be the most complete and finest in the world. More new and valuable varieties have been disseminated than from any other house in the world.

The past Autumn our collection was unusually grand. We had two houses devoted to high class seedlings, grown to a single stem, and from these choicest flowers, assisted by the fine weather during and following the flowering season, we have saved what we firmly believe to be the finest Chrysanthemum Seed ever offered for sale either in this country or Europe. As we grow none but varieties of the highest class, no poor crosses were effected, nor is the seed from any poor or rubbishy flowers included. We look for marvelous results from our own sowing.

Seed saved from PRIZE VARIETIES and NEW SEEDLINGS of 1892-3 introduction.

50c. per pkt.; 5 pkts. for \$2.00.

New Cannas.

From the large number of Seedling Cannas raised by us a year ago, mostly from seed saved from Crozy's dwarf varieties, we have selected 12 varieties, which are distinct and valuable additions to the dwarf and semi-dwarf Cannas, a class of plants which are increasing in popularity year by year for summer bedding, groups among shrubbery, etc., etc.

E. O. Orpet. (No. 9.) Height 2 to 3 feet, foliage bright green. Flowers bright chrome yellow, fading to straw yellow, almost without a tinge of red even at the base of petals. The purest self-colored yellow known.

John Clark. (No. 10.) Height 3 feet, foliage green, truss compact. Flowers vermillion, blotched pale yellow.

John Corkery. (No. 28.) Height 2½ to 3 feet, foliage deep green, spathes glaucous, flowers orange-vermillion above, more orange below, edge of petals and at base yellowish.

William Griffin. (No. 31.) Of vigorous habit, tall, 3 to 4 feet, foliage broad, rich, bronzy green with metallic lustre in certain lights, truss of compact, large flowers with broad petals, the brightest scarlet vermillion.

J. F. Huss. (No. 30.) 2½ to 3 feet high, leaves very large, bright green. Flower, which is of good form, orange-vermillion, the petals edged with yellow, and yellow in the throat.

C. M. Atkinson. (No. 12.) Leaves large, bronzy green, variegated with parallel bands of green; ribs maroon-bronze. Flower bright carmine.

F. L. Harris. (No. 13.) A strong grower, 3 to 4 feet high, leaves very broad, glaucous green. Flower bright blood-red, with broad petals. Was awarded Medal and Diploma at the World's Fair in 1893. \$1.25 each.

C. Fletcher. (No. 15.) Height 3 feet, leaves broad, bright green. Flowers lemon-yellow, fading to straw color, the whole spotted very sparingly with scarlet.

E. Norman. (No. 19.) Height 4 feet, leaves broad, deep green, good truss, petals of flower broad, deep orange-vermillion, margined and marked at base with chrome-yellow.

Alfred P. Meredith. (No. 16.) Height 3 feet, leaves green. Flower large, petals broad, blood red faintly margined with yellow, and with yellowish base.

A. H. Wingett. (No. 22.) Leaves green. Flower of good size, with broad petals, lemon-yellow, paler towards margin and base, and with a few elongated dots of red scattered over the surface.

William Elliot. Of strong habit, 2½ to 3 feet high, forming good clumps, foliage deep bronzy red, with veins of crimson and occasional lines of green; with age the leaves become a greenish red. A grand and distinct variety, with foliage as strongly colored as a Dracæna, and a great acquisition for bedding. 60 cents each.

Price: where not noted, \$1.00 each; \$10.00 per doz.

The set of 12 varieties, 1 of each, for \$10.00.

New Carnations.

Helen Keller. A lovely fancy variety, white, with delicate markings of clear pink, very large in size and with exceedingly long stems.

Iago. Clear, deep crimson, and an exceedingly fine, vigorous grower, with stems 18 inches long. One of the very best of the class.

Sweetbrier. Almost identical in color with Daybreak, but an exceedingly sweet-scented variety, reminding one of the name it bears. A clean, handsome grower, with fine, long stems.

The Stuart. Brilliant scarlet and a wonderfully free blooming variety.

Uncle John. Clear white, with large, bold flowers; an excellent grower, with fine constitution. One of the finest varieties of this year's introduction.

Price: 25 cents each; \$2.50 per doz.

The set of 5 varieties, 1 of each, for \$1.00.

New Geraniums.

We are now growing a large and select stock of these handsome and popular bedding and house plants, which include some very striking new varieties, which will, we feel certain, meet with a hearty welcome by all interested in this class of flowering plants.

Ivy-Leaved Section.

Pierre Crozy. A hybrid between the Ivy and Bruant, with semi-double, brilliant scarlet flowers; very free flowering ; dwarf and compact in habit. Blooms all summer.

Souvenir de Charles Turner. A fine, full double pink, with dark blotches. This is without doubt the most magnificent Ivy Geranium of the present day.

Galilee. A French hybrid, with light rose and pink flowers, veined with lilac; very fine.

Victoria. Similar to *Souvenir de Charles Turner*, with single instead of double flowers.

Price : 20c. each ; \$2.00 per doz.

Bruant Section.

Lady Roseberry. Pink and salmon.

Rev. Dr. Morris. Scarlet.

Lord Iddelsberg. Rich orange scarlet.

Madam Patti. Salmon.

Marquis of Duffern. Fine, deep claret.

Ida Walters. Dark crimson; fine round flowers.

Price: 20c. each ; \$2.00 per doz.

New Petunias.

Variegated Double Petunia. This new Petunia sport bears handsome, semi-double, purple and white flowers. But the chief value of the plant is in its foliage, which is very beautifully and conspicuously variegated with large, irregular blotches of clear, creamy yellow.

Fine plants, in 3 inch pots, 50 cents each.

Commandant Montil. Purple; very large, with pure white blotches.

Dr. Bartillon. Purple and white, very fine, fringed.

Price: 25c. each; \$2.50 per doz.

New Roses.

Mrs. W. C. Whitney. A fine new rose of American origin. Well formed flower, of a clear, deep pink, and a fragrance quite distinct from any other variety. Of very vigorous growth and very free flowering. Has taken prizes wherever exhibited.

Price: \$1.00 each ; \$9.00 per doz.

Beauty Inconstant. Flowers intermediate in size between Bonsaline and Madame Hoste ; of a beautiful glowing cherry color. A strong, vigorous grower, with glossy foliage.

Price: 75 cents each ; \$7.00 per doz.

Maman Cochet. An exceedingly large and handsome flower in the way of Catherine Mermet, but with a faint tinge of yellow at the base of the petals, and a larger flower than that favorite variety.

Price: 75 cents each ; \$7.00 per doz.

Datura cornucopia.—The Horn of Plenty.

THE SENSATION OF 1893.

AWARDED GOLD MEDAL AND DIPLOMA AT THE WORLD'S COLUMBIAN EXPOSITION, AND FIRST-CLASS CERTIFICATE BY THE ROYAL HORTICULTURAL SOCIETY, OF LONDON.

Those who have our catalogue of 1893, with its nearly life size colored plate of the flower, will need no further description. This flower, which is composed of three concentric, funnel-shaped corollas, with flaring, ruffled and plicated rims, often attains the length of 12 inches, and is half that distance in diameter at the mouth. The inner surface of the funnel-shaped tubes is of a French white, while the outside is of a mottled purple, a beautiful combination.

The plant is of robust habit, attaining the size of a bush in a single season. The stem and branches are very stout, of a dark, shining brown purple. The leaves are large, of a clear dark green color. The plant is very floriferous, from 200 to 300 of the immense flowers being produced in a single season if started early. These are succeeded by the large thorny seed vessels, and it keeps on blooming until cut down by frost.

Strong plants, in 3 inch pots, ready March 1st.

**Price: 25c. each ;
5 plants for \$1.00.**

We are also able to offer this year, for the first time, seed of this marvelous plant, which, if sown in February, March or April, will produce a great profusion of flowers during the summer.

**Price: 25c. per pkt. ;
5 pkts. for \$1.00.**



New White Double Stock. Burns' Monument.

This new stock was originally brought by a bonnie Scotchman from the "Land of Burns," having originated in the vicinity of Burns' birthplace.

It belongs to the same class as the familiar "Cut and Come Again," but is an immense improvement upon that variety, being more hardy, blooming more freely, and, more than all else, comes almost absolutely true from seed. As is well known, the ordinary strains of Double White Stock do not give more than one-third of double flowers. The originator told us, and we have found him to be borne out by our own tests, that of this new variety fully 95 per cent. will prove true double. It may be grown in the open air all summer, and lifted in autumn, continuing to bloom as profusely as before and without a check.

Price: 25c. per pkt.

New Stove and Greenhouse Plants.

Aristolochia gigantea.

The Aristolochias are among the best of greenhouse climbers, both on account of their well set, green foliage and curious, often monstrous, flowers. This new species, which must not be confounded with *A. gigas*, bears flowers of a gigantic size, sometimes attaining 12 inches long by 10 broad. In color they are creamy yellow, spotted with purple. This species differs from many others in not having any disagreeable odor when in flower.

Fine plants, \$1.00 each.

Begonia Arthur Malet.

A fine variety, after the style of *B. metallica*, but the leaves are of a distinct and rich crushed strawberry color. This is not new, but, as it is such a desirable variety and owing to our being out of it for some time, and having been fortunate in again securing stock, we insert it here. Ready for delivery in April.

Fine plants, 60 cents each.

Begonia Gloire de Sceaux.

This fine Begonia has rich, dark green leaves, suffused with a reddish tinge, and the whole leaf with a metallic lustre. Flowers pink. A very handsome and free blooming variety. Ready for delivery in April.

Fine plants, 60 cents each.

Begonia La Neige.

Leaves green, the entire surface dotted profusely with small, round, white spots. The flowers are light pink. Handsome and distinct. A great acquisition, having been awarded first-class certificate of merit by the Society of American Florists at their St. Louis meeting.

Fine plants, 50 cents each.

Nephrolepis exaltata plumosa.

This is a great improvement upon the type, and is altogether one of the finest Ferns of its class and habit for general greenhouse culture. It has the habit of *N. exaltata*, but the fronds are more branched and denser, a single frond often forming a compact mass of green by its numerous, closely set ramifications.

Strong plants, in 3 inch pots, \$1.00 each; \$10.00 per doz.

Nephrolepis davalloides furcans multiceps.

Another valuable Nephrolepis, which will prove to be an improvement upon the already valuable type. It differs from the well known *N. davalloides furcans* in having branching fronds, which give the plant a much handsomer appearance.

Fine plants, in 3 inch pots, \$1.00 each; \$10.00 per doz.

Adiantum Fischerii.

A new Maidenhair, of dwarf growth. The ultimate divisions of the fronds are small, rather sparsely set, and with irregularly indented margins.

Nice plants, 3-inch pots, \$1.00 each.

Araucaria excelsa compacta.

Araucaria excelsa is one of the most esteemed of decorative plants. This new variation is distinct, and of increased value on account of its more compact growth and more closely crowded foliage. Was awarded a silver medal by the Society of American Florists, at their St. Louis meeting,

Price on application.

Zamia Lindenii.

Although this is not a new plant, it is extremely scarce in cultivation, and very distinct from all other Cycads. The leaves are gracefully arching and of a hard, leathery texture; the pinnæ often measure 8 inches in length by $1\frac{1}{2}$ to 2 inches across.

Fine plants, from \$5.00 up.

Dracaena Doucettii.

A beautiful, decorative Dracæna. It is of compact habit, with attenuated, dull green leaves banded longitudinally with white. The compact growth of its leaves, forming a head, give it especial utility as a table ornament.

Fine plants, \$5.00 each.

Dracaena australis aurea striata variegata.

The numerous yellow longitudinal stripes upon the leaves of this variety give it a distinct and important value over the old *D. australis*. The plant is of compact habit, with hard, durable leaves, adapting it for all decorative purposes.

Fine plants, in 5 inch pots, \$5.00 each.

Asparagus crispus.

This plant was imported from Europe under the above name, but it has much the habit of *Asparagus decumbens*. The leaves are closely set on all sides of the slender stems, appearing as if whorled or verticillated. The ultimate branchlets thus have a cylindrical form, 2 to 3 inches long and $\frac{1}{2}$ to $\frac{3}{4}$ inch in diameter.

Fine plants, in 4 and 5 inch pots, \$2.50 each.

Yucca Guatemalensis.

A tall growing Yucca, with large white flowers in a dense panicle, 2 to 3 feet long. Not new, but rare in cultivation.

Small seedling plants, in 3 inch pots, 50 cents each.

Nerium splendens fol. var.

This new Oleander is distinct both in color and brilliancy of its flowers and in the beauty of its variegated foliage. The young leaves, forming a head at the end of the growing shoot, are pale, creamy yellow. As the leaves grow older the yellow partially disappears, until in full-grown leaves it takes the form of irregular longitudinal, often marginal, yellow blotches on a dark green ground. The flowers are very double, of a beautiful pink color, and are produced in the most lavish profusion in February and March.

Fine plants, in 4 inch pots, 50 cents each.

Bougainvillea splendens.

This is one of the brightest and most free blooming of greenhouse climbers, and can hardly be surpassed for training beneath the roof of a moderately high house or for a back wall. The flowers, or, more exact, the very large bracts which surround the pale greenish flowers, are of a bright, clear pink. Its free blooming qualities will commend it to every one, the vines, when in good health, being fairly covered with the handsome flowers the entire summer and fall and well into the winter.

Fine plants, in 3 inch pots, 50 cents each.

Solanum azureum.

A beautiful plant of running or climbing habit, bearing bright, lilac-blue flowers an inch and a half in diameter, in great profusion. These blossoms are followed by dark red berries, as large as a small cherry, which remain in condition a long time on the plant. A very handsome and useful plant, whose only drawback (and in this it is like all Solanums) is that the fruit is poisonous, thus spoiling to an extent its utility as a house plant.

Fine plants, in 3 inch pots, 20 cents each; \$1.75 per doz.

Smilax argyrea.

A handsome variegated plant of robust growth. The leaves are 5 to 6 inches long by 1½ to 2 inches wide, and oval in shape. The ground color is a fine bright green, which is blotched with numerous large, irregularly shaped spots of silvery white. Through the centre of the leaf run three prominent longitudinal veins.

This must be considered as one of the best of variegated plants introduced to cultivation in recent years.

Fine plants, \$2.50 each.

Phyllogatis rotundifolia.

A large leaved Melastomad resembling *Sphaerogyne latifolia* in general appearance, but the leaves are rounder, more recurved, the veins are more strongly marked, and the texture of the leaf is harder, better fitting it for general cultivation. Not new in cultivation, but introduced, we believe, for the first time into America.

Fine plants, \$5.00 each.

Licuala grandis.

Not a new palm, by any means, but so rare in cultivation that we are induced to offer it here. It has nearly circular, fan-shaped leaves, with spiny stems, is of rather dwarf habit, and will in time to come be one of the most admired of decorative palms. We offer small seedling plants, in 3-inch pots, at \$2.00 each; \$20.00 per doz.

Pritchardia Thurstonii.

The Pritchardias have oblong leaves, not deeply divided nor folded, slightly hairy on the under surface, and are decorative plants of distinct value, though not very common in cultivation. We offer seedling plants of this species, in 3-inch pots, for the first time, at \$2.00 each; \$20.00 per doz.

Geonoma acaulis.

This is a fine dwarf-growing stove Palm, with partly divided pinnate leaves, and of a compact habit. Was awarded a bronze medal by the Society of American Florists, at their St. Louis meeting.

Price on application.

Nephytus picturata.

A finely variegated stove plant of decorative value. The leaves are large, with broadly sagittate base, and variegated in a distinct and interesting pattern, resembling the tips of Fern fronds, laid on, point inward, between each pair of veins.

Fine plants, \$2.00 each.

Stenandrium Lindenii.

A handsome and decorative plant. The broad leaves are of a fine dark green color, while the veins and a region on either side are of a clear yellow color. The under side is tinged purple along the margin and between the veins.

Fine plants, \$1.00 each.

Peperomia metallica.

A choice variegated leaved plant of good habit. The broad, oblong leaves are of a dark lustrous green, variegated with metallic reflections of greenish white along the midrib. The stems are brownish red or violet.

Fine plants, 75 cents each.

Tradescantia elongata.

An elegant species with fine and distinctly marked foliage. The color is a deep green, relieved on each side of the midrib by a band of silvery white. The plant is of vigorous growth and good habit. A great acquisition.

Fine plants, \$2.00 each.

Tradescantia Reginae.

The leaves of this distinct species are 4 or 5 inches long by half the number in width. Along the midrib are diagonal stripes of green and purplish rose. Next the margin are tooth-like markings of white on a green ground. The under surface is a fine violet color. Dedicated to the Queen of the Belgians by the introducers.

Fine plants, \$2.00 each.

Four New Hardy Salvias.

Salvia pratensis is one of the best blue-flowered hardy plants, whether for the border or for cutting. We have secured four variations from the bright blue of the species, which we offer here for the first time.

S. pratensis purpurea. Fine spikes of rich purple.

S. pratensis pallida. Flower spikes of a deep rich pink. Of distinct value and a clear, good color.

S. pratensis bicolor. Well formed spikes of pale magenta, the lip of each flower being white.

S. pratensis superbum. Flowers soft bluish purple, touched daintily with white.

Price: 25 cents each ; \$2.50 per doz.

New Paeony American Flag.

This is a single Paeony, whose broad petals are distinctly banded longitudinally with broad stripes of red and white. Such striking and decided contrasts are rare, and this will prove to be a great acquisition to the increasingly popular class of Single Herbaceous Paeonias.

Price: \$1.00 each.

New Orchids.

We have in our collection many new Orchids, both new discoveries and hybrids, including a number of new Hybrid Cypripediums of our own raising. Particulars of same, price, etc., will be sent to any collector on application.

CONDENSED

General Catalogue

OF THE

Best Varieties of Plants in all Classes.

ORCHIDS.

Without a doubt Orchids are the fashionable flowers of the last decade of the Nineteenth Century. We have recognized this for several years, and at great expense, sending our collectors to far-off semi-civilized lands where they have robbed great forests of their Orchid treasures, we have accumulated here at our Nurseries in Short Hills what is to-day, without question, the finest sale collection of Orchids in America, and in some lines the finest collection in the world.

Our Orchids at the World's Fair in 1893 were the centre of attraction in the Horticultural Building, and *we were awarded Medal and Diploma for the Collection.*

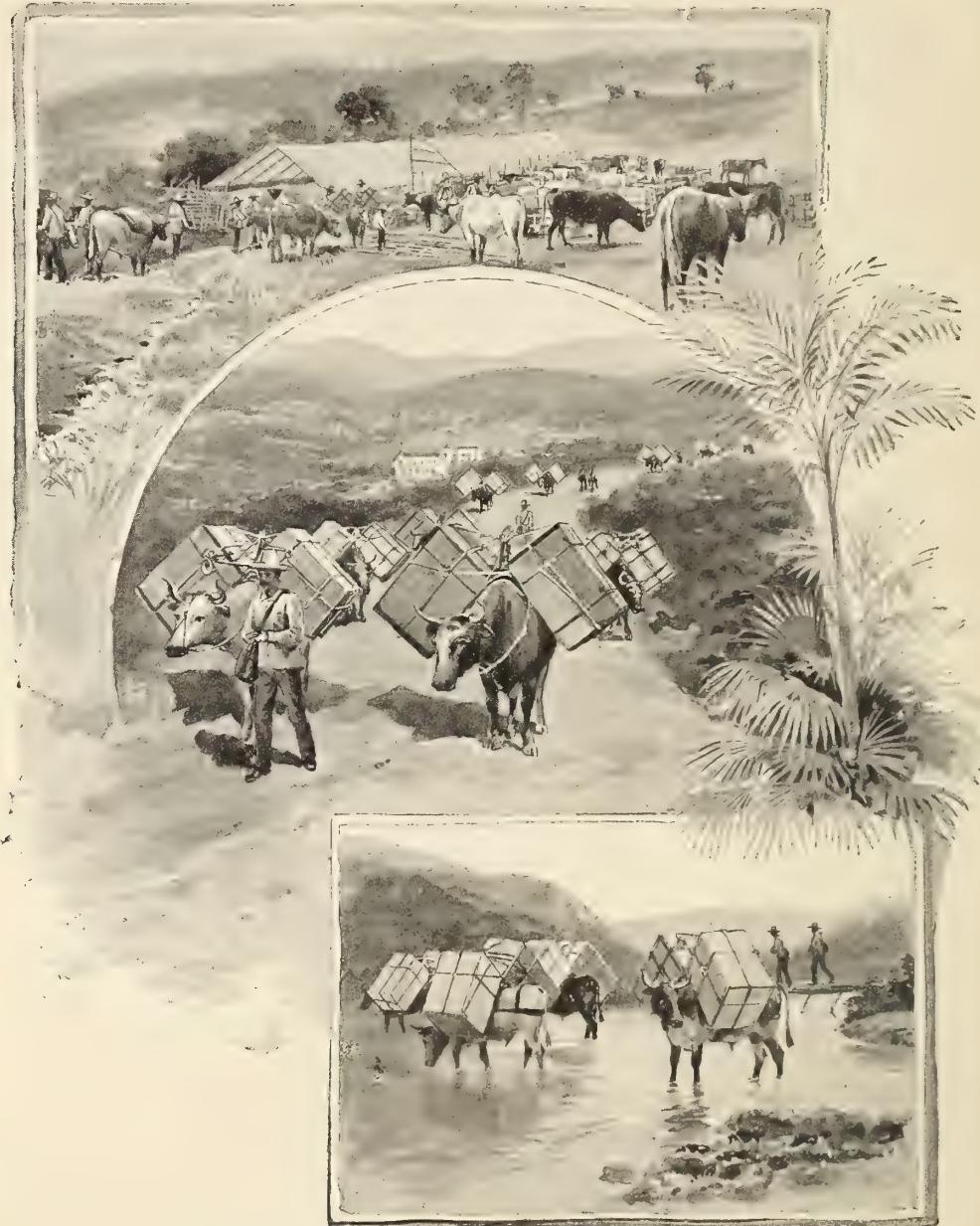
It is a wrong idea, and one which we have been trying to eradicate, this belief that to grow Orchids one must have a greenhouse built especially for them, and a professional Orchid grower to devote his entire time to their culture. On the contrary, many species, and among them some of the most desirable, can be grown in any ordinary greenhouse or conservatory, and by any one with intelligence enough to grow a geranium.

Orchids are best grown in either pots as other plants, or in baskets or cribs of wood. In either case the pot or basket is half filled with broken crocks for drainage, the soil being a mixture of sphagnum moss and fibrous peat.

All true epiphytal Orchids require a season of growth and a season of rest, corresponding to the wet and dry seasons in their native countries. When the plants begin to make a new growth, usually in spring, the quantity of water given should be gradually increased until the maximum is reached, when the new pseudobulb is nearly full size. The quantity should then be gradually reduced until the growth is well ripened, after which only enough water should be given to keep the plant from shriveling. Soft or rain water should be used where possible, and in general the temperature may be kept at from 55 to 65 degrees Fahrenheit. Some shading will be required to protect from the rays of the burning sun during the hot days of spring and summer, though many varieties do better if given considerable direct sunlight. So much for general cultural directions; special exceptions and variations are noted under the individual species in the following pages.

We believe that those just beginning Orchid culture—and hundreds are joining the ranks every year—will be better satisfied if they leave the selection of varieties to us. In ordering they can give what particulars are possible regarding the conditions under which the plants are expected to grow, and we will select plants which, in our long experience, will prosper best under those conditions. We believe that our reputation for just dealing is such that none of our many customers will feel that they will be imposed upon should they give us *carte blanche* in selecting to any given amount. We will supply good flowering plants, in varieties of our selection, at the following prices:

6 Orchids, in 6 varieties	\$4.50
12 Orchids, in 12 varieties, our selection	9.00
25 Orchids, in 25 varieties, our selection	22.00



GATHERING AND TRANSPORTING OF ORCHIDS ACROSS THE MOUNTAINS OF SOUTH AMERICA.
From Photographs by one of our Collectors.

The Choicest Orchids for the Amateur.

For an extended list of the species and varieties which we have in stock, see our price list of Orchids and Cypripediums.

Aerides odoratum. Flowers in a drooping raceme, waxy white, with purple blotch. India. May to July. Grows best in a basket. \$2.00 and \$3.00.

Brassavola glauca. Flower borne singly on a short stem; sepals and petals bright yellow, lip orange, and throat white; fragrant. Mexico. April and May. \$2.00 and \$3.00.

Brassia verrucosa. Flowers pale green, marked with brown warts, in spikes 12 to 18 inches high. Mexico. May and June. Grows best in a pot. \$1.00 and \$2.00.

Calanthe vestita. Flowers 1½ to 2 inches across, milky white, with a yellow or red centre. Asia. December to February. After flowering, the plant should be taken from the pot and stored away dry until May, and then repotted in a compost of peat and turfy loam, with good drainage. \$2.00 and \$3.00.

Cattleya citrina. The Tulip Orchid. Flower clear, lemon yellow, most deliciously sweet scented, on a drooping, not, as in other Cattleyas, upright, peduncle. Mexico. April and May. Best grown on a block with a little moss. \$1.00 and \$2.00.

C. Dowiana. A grand and distinct species, with strikingly colored flowers on 2 to 6 flowered scapes. Sepals and petals rich, nankeen yellow, lip intense purple, shaded violet rose, and marked with lines of yellow. Costa Rica. August and September. Best grown in a basket. \$3.00 and \$5.00.

C. Bowringiana. Flowers 2½ inches across, rosy purple, with darker veins, on a tall, 5 to 10 flowered stem. Honduras. October and November. One of the easiest of cultivation. \$2.00 and \$3.00.

C. Gaskelliana. Flowers 6 to 7 inches across, resembling C. Mossiae, but of somewhat lighter tints. Sepals and petals pale purple; lip purple, the limb pale mauve, with a large yellow blotch. Venezuela. July and August. \$2.00 and \$3.00.

C. gigas. The largest flowered species, being often 8 inches across. Sepals and petals delicate mauve purple, lip rich crimson purple, with large blotch of yellow in the throat. Colombia. July and August. \$2.00 and \$3.00.

C. intermedia. Flowers 4 inches across on 3 to 4 flowered stems. Sepals and petals soft rose-purple; lip paler, with a violet blotch. Brazil. May to July. \$2.00 and \$3.00.

C. Mendelli. Flowers large, varying from white to pale glossy pink, lip large, spreading, crimson purple, much crimped at the margin, and with a yellow blotch in the centre. Colombia. May to July. One of the finest and of easiest culture. \$2.00 and \$3.00.

C. Mossiae. Flower 5 to 6 inches across, on tall 3 to 5 flowered stem. Sepals and petals in shades of lilac and rose; lip large, rich purple, much crimped at the margin. Venezuela. April to August. \$2.00 and \$3.00.

C. Percivaliana. Flowers smaller and darker than the preceding. Lip rich crimson, margin rosy pink, throat golden yellow. Venezuela. Winter. \$2.00 and \$3.00.

C. speciosissima. Flowers large; blush rose. Venezuela. January and February. Best grown on a block. \$2.00 and \$3.00.

C. Trianæ. The most useful Orchid in cultivation, flowering in midwinter when flowers are most in demand, and remaining a long time in perfection. Flower 5 to 7 inches across; white, rose, lilac and purple, shaded and blended. Colombia. December to April. \$2.00 and \$3.00.

Chysis aurea. Flowers chocolate brown shaded with yellow. Mexico. March and April. Grows best in basket. \$1.00 and \$2.00.

C. bractescens. Flowers pure white, except lip, which bears blotch of yellow. Mexico. April and May. Should be grown in plenty of light. \$1.00 and \$2.00.

Cœlogyne cristata. Flowers fragrant, pure white, except lip, which is blotched yellow, borne in many flowered raceme. East Indies. January to March. One of the finest of winter flowering Orchids and of easy growth. \$1.00 and \$2.00.

Cymbidium eberneum. Flowers large, lilac scented, sepals and petals ivory white, lip stained yellow. Burmah and China. March and April. \$2.00 and \$3.00.

C. Lowianum. Flowers yellowish green, on a stout arching stem 3 to 4 feet long. Burmah. March and April. Best grown in pots in turfy peat, \$3.00 and \$5.00.

Dendrobium crassinode. Flowers white, purple and yellow, borne in twos or threes. Moulmein. January to April. Culture same as for D. Wardianum. \$1.00 and \$3.00.



ODONTOGLOSSUM CRISPUM. (See opposite page.)

ORCHIDS - CONTINUED.

- Dendrobium formosum giganteum.** Flowers in clusters of 4 to 6, ivory white, lip blotched yellowish. India. September and October. Best grown in a basket. \$1.00 and \$2.00.
- D. nobile.** Flowers large, 2½ to 3 inches across, very fragrant; white and shades of purple. India. May to July. Culture same as for *D. Wardianum*. \$1.00 and \$2.00.
- D. thyrsiflorum.** Flowers 1½ to 2 inches across, waxy white, with orange red lip, in many flowered drooping clusters. Burmah. April and May. \$1.00 and \$2.00.
- D. Wardianum.** Flowers 3 to 4 inches across, in twos or threes along the tall pseudobulb, sometimes to the number of 40. Sepals and petals white, tipped with purple; lip bright orange with two eye-like spots of crimson magenta. India. May and June. Best grown in a basket or on a block. A species of striking beauty. \$1.00 and \$2.00.
- Epidendrum vitellinum majus.** Flowers 1½ inches across, brilliant orange scarlet, in 6 to 15 flowered racemes, lasting long in perfection. Mexico. May to July. \$1.00 and \$2.00.
- Laelia albida.** Flowers large, 3 to 6 inches at the top of a tall stem, white and pale pink, veined with yellow. Mexico. November to June. \$1.00 and \$2.00.
- L. anceps.** Flowers 4 inches across on a 4 to 6 flowered scape, often 3 feet high. Sepals and petals rosy blush, lip deep purple. Mexico. November to January. Grows best on a block. \$1.00 and \$2.00.
- L. autumnalis.** Flowers fine purple; lip, rose and white, yellow centre. Mexico. November to January. \$2.00 and \$3.00.
- L. purpurata.** One of the grandest of Orchids. The flowers are often 8 inches across, pure white, except the lip, which is brilliant purple, with a pale yellow throat. Brazil, May and June. \$3.00 and \$5.00.
- Lycaste aromatica.** Flowers golden yellow, solitary at the top of a short scape ; lasts in perfection a long time. Mexico. June and July. \$1.00 and \$2.00.
- L. lanipes.** Flowers large, greenish white, lip delicately fringed. Mexico. September and October. Best grown in a pot. \$3.00 and \$5.00.
- Masdevallia Harryana.** Flowers triangular, 3 inches across, varying in color from lilac to crimson and blood red, on tall scapes. Colombia. April to July. \$1.00 and \$2.00.
- Odontoglossum bictonense.** Flowers greenish yellow, blotched with brown; lip dark lilac; in tall spikes. Mexico. January to March. Best grown in a pot. \$1.00 and \$2.00.
- O. crispum.** Flowers 3 inches across, white, with spots of reddish brown, in long arching raceme of from 6 to 12 flowers. One of the finest of all Orchids. Colombia. January to May. \$1.00 to \$3.00. See illustration opposite.
- O. Rossii majus.** Flowers white and brown, spotted with purple. Colombia. January to March. Grows best on a block. \$1.00 and \$3.00.
- Oncidium incurvum.** Flowers white and purple, small, but produced in great abundance in a long raceme. Mexico. September and October. \$1.00 and \$2.00.
- O. ornithorhynchum.** Flowers rose-colored, fragrant, in drooping spikes. Mexico. October to February. Best grown in a basket. \$1.00 and \$2.00.
- O. Papilio.** The True Butterfly Orchid. Flowers 4 inches across, yellow, blotched with red, opening one at a time on a slender stem. Venezuela. \$2.00 and \$3.00.
- Phaius grandifolius.** A terrestrial Orchid. Flowers 4 inches across, white outside, reddish brown within, on spike often 4 feet high. China. Spring. \$1.00 and \$2.00.
- P. maculatus.** Flowers 2 or 3 inches across, soft yellow, marked with reddish brown, produced 10 or 15 at the top of tall stem. India. March and April. \$2.00 and \$3.00.
- Phalaenopsis amabilis.** Flowers 3 inches across, white, lasting a long time in perfection. Philippine Islands. December to March. \$3.00 and \$5.00.
- P. grandiflora.** Flowers larger than the preceding, with yellow lip. Java. December to March. \$3.00 and \$5.00.
- Sobralia macrantha.** A terrestrial Orchid, with tall, reed-like foliage and large, rich purple flowers, resembling a Cattleya. The flowers last but a day, but one follows another so that a good plant is never out of flower in the season. Costa Rica. May to July. \$2.00, \$3.00 and \$5.00.
- Stanhopea grandiflora.** Flowers large, white and brown. Mexico. Has no fixed season. \$2.00 and \$3.00.
- S. oculata.** Flowers pale yellow, spotted with purple. Mexico. July to November. A grand flower. \$1.00 and \$2.00.
- Vanda cœrulea.** Flowers 4 inches across, pale blue, marked with azure blue, on light blue pedicels in a 10 to 18 flowered raceme. An unusual color and one of the finest autumn flowering Orchids. India. October to December. \$2.00 and \$3.00.
- Zygotepalatum Mackayi.** Flowers large, greenish yellow, blotched with brown, white and blue, sweet scented. Brazil. Winter. Best grown in a pot. \$2.00 and \$3.00.



VARIETY OF CYPRIPEDIUM INSIGNE. (See page 25.)

Cypripediums.

Although this is only a genus of the family of Orchids, its members are so numerous and so varied that we prefer to include them under a separate head. Our collection of Cypripediums numbers upwards of 500 varieties, and is the largest in the entire world. The list which follows, includes the best for the amateur—those of easiest cultivation and of moderate price.

Cypripediums are the easiest grown of all Orchids. Pot-culture is preferable, the potting material being sphagnum moss and fibrous peat, with plenty of drainage. The plants should be elevated above the rim of the pot, to remove any chance of stagnant water standing around the base of the plant, and the material should be closely packed about the roots. They do not require any rest, like other Orchids, but should be kept watered all the year round. A temperature of 55 to 65 degrees Fahrenheit suits them well, with plenty of light and ventilation, and shading only from the burning sun.

They are among the most durable of flowers, the blossom lasting in perfect condition on the plant a long time—sometimes as many as twelve weeks—while when cut and kept in water they will last for three or four weeks.

As a special inducement to our customers to thoroughly test Cypripediums as greenhouse plants, and learn their desirability, we offer collections, as below, at about half the regular catalogue prices. We are positive that when an amateur of plants has once undertaken the culture of this fascinating class, he will not easily give it up.

The varieties are in every case of our selection, but all may be assured that we will send none but desirable kinds of easy culture.

6 Cypripediums in 6 varieties, our selection.....	\$5.00
12 Cypripediums in 12 varieties, our selection.....	12.00
24 Cypripediums in 24 varieties, our selection	30.00

To make the descriptions intelligible to one not a botanist, we may say that the Cypripedium has two sepals, the upper one, which is usually highly colored, being known as the dorsal sepal; two petals, which extend horizontally; and a lip, the slipper-like sac, the most prominent part of the flower.

Select List of Cypripediums.

- C. *albo-purpureum*. Sepals ivory white, tinted pink, petals pink, lip crimson, marked with white and pink. January to June. \$3.00 and \$5.00.
- C. *Ashburtoniae*. Dorsal sepal green and white, petals reddish brown, lip pale purple. January to March. \$2.00 and \$3.00.
- C. *barbatum*. Dorsal sepal green and white, petals same color, warty and hairy; lip dark purple. April to July. \$1.00 and \$2.00.
- C. *bellatum*. A dwarf growing species, the scape being only 4 or 5 inches high. Flower nearly circular; white, spotted with purplish black. \$2.00 and \$3.00.
- C. *Boxallii*. Flowers large and shiny, dorsal sepal green, white and purple; petals and lip greenish yellow, tinged with purple. December to February. \$2.00 and \$3.00.
- C. *callosum*. Flowers large and lasting a long time, dorsal sepal white, striped with deep crimson; petals and lips greenish, marked crimson. December to March. \$3.00 and \$5.00.
- C. *callum*. Sepals and petals pale green, with rosy lines; lip rose pink. Strong plants bloom the year round. \$2.00 and \$3.00.
- C. *caudatum*. Yellow, brown and purple, with red spots on the lip. The petals are abnormally developed and hang down often two feet. April and May. \$3.00 and \$5.00.
- C. *ciliolare*. Resembles C. *superbiens*, but the sepals and petals are more hairy. April to June. \$2.00 and \$3.00.
- C. *conchiferum*. Pale green, shaded yellow and spotted sparsely with brown. \$2.00 and \$3.00.
- C. *concolor*. Flowers small, clear sulphur yellow, sparingly dotted with cinnamon red. September to November. \$3.00 and \$5.00.
- C. *Crossianum*. Dorsal sepal very large, whitish, with green lines and purple spots; petals chocolate brown; lip brownish yellow, with green veins. September to November. \$2.00 and \$3.00.
- C. *Curtisii*. A fine species with a very large lip. Whole flower brown, green and purple, in several shades, curiously blended. May and June. \$5.00 to \$10.00.



COCOS WEDDELINIA. (See page 27.)

CYPRIPEDIUMS—CONTINUED.

- C. Dauthierii.** Dorsal sepal reddish brown and white; lip large, yellowish green. September to November. \$2.00 and \$3.00.
- C. Dayanum.** Sepals white, with green veins; petals deep purple, margined with hairs; lip purple, shaded with green. May and June. \$3.00 and \$5.00.
- C. Dominianum.** Flowers 3 to 5 on a scape; sepals straw yellow; petals 8 inches long, pale yellow, marked rose color and green; lip large, yellow with brown veins. September to November. \$1.00 and \$2.00.
- C. grande.** Flowers large, in twos and threes on the tall stalks. The petals are a foot or more long, drooping, rose, crimson and cream color; lip large, yellow, brown and crimson. \$5.00 to \$10.00.
- C. Harrisianum.** Dorsal sepal large, shining dark purple, white at top; petals and lip brown purple, marked with green. Of the easiest culture. \$1.00 and \$2.00.
- C. Haynaldianum.** Flowers in shades of green and yellow, blotched with brown and rose, 2 to 6 on a tall stalk. February and March. \$2.00 and \$5.00.
- C. hirsutissimum.** Flowers very large, purple, shaded with green and reddish purple, the margins of the petals being edged with long black hairs. March to May. \$2.00 and \$3.00.
- C. insigne.** The best species for the beginner; will do well in any ordinary greenhouse, or even in a sunny window. Flowers large, shiny, in various shades of green, purple and white. November to March. \$1.00 and \$2.00. See illustration page 22.
- C. insigne albo-marginatum.** The dorsal sepal has a broader band of white on the margin than in the type. \$2.00 and \$3.00.
- C. insigne Chantini.** Entire upper half of the dorsal sepal pure white; lip reddish brown instead of green. \$3.00 and \$5.00.
- C. insigne maximum.** A fine form with very large flowers. \$1.00 and \$2.00.
- C. Javanicum.** Flowers green, veined and shaded with shades of brown. September to November. \$1.00 and \$2.00.
- C. laevigatum.** Flowers large, white and greenish yellow, 3 or 4 on a tall stalk. The petals are long and narrow, and are spirally twisted. March to May. \$2.00 and \$3.00.
- C. Lawrenceanum.** Of the easiest cultivation. Flowers large, borne singly on a tall scape. Dorsal sepal white, with lines of brown purple; petals and lip purplish brown and green. June to August. \$1.00 and \$2.00.
- C. Leeatum.** Flower green and reddish brown, except the dorsal sepal, which is pure white, spotted sparingly with mauve. November to January. \$2.00 and \$3.00.
- C. longifolium.** Flowers green, streaked and marked with reddish brown and purple. The flowers open one at a time along the stalk, and a plant is often in bloom for half the year. \$1.00 and \$2.00.
- C. Lowii.** Flowers large, of several shades of green, yellow and purple, spotted with deep purple. March to May. \$5.00.
- C. nitens.** Purplish brown, dorsal sepal with broad margin of white, and spotted with deep purple. November to February. \$3.00 and \$5.00.
- C. niveum.** Flowers small, pure white, except a few spots of pale cinnamon brown. March to July. \$2.00 and \$3.00.
- C. cœnanthum.** Purple, variously marked with green, white and yellow. \$3.00 and \$5.00.
- C. Pearcei.** Greenish, the petals and sepals margined with white, and the lip with some black dots. \$1.00 and \$2.00.
- C. porphyreum.** Resembles *C. Sedeni*, but a little larger. September and October. \$2.00 and \$3.00.
- C. Rœzlii.** Flowers purplish, greenish and yellowish, borne 3 to 5 on a tall stalk. \$1.00 and \$2.00.
- C. Sedeni.** A useful variety of easy culture. Flowers rose, crimson and white, appearing in succession on the tall stem. Blooms more or less all the year. \$1.00 and \$2.00.
- C. stenophyllum.** Flowers produced in succession along the tall stalk, of an almost uniform soft pink. October to December. \$2.00 and \$3.00.
- C. superbiens.** Sepals and petals white, green and purple; lip brown purple. June to August. \$3.00 to \$5.00.
- C. venustum.** Green and purple, marked and striped in several shades. A very durable flower, lasting for weeks in perfection. January to March. \$1.00 and \$2.00.
- C. villosum.** Pale green, white and brownish yellow, the whole surface shining as if varnished. January to March. \$2.00 and \$3.00.



LIVISTONIA ROTUNDIFOLIA. (See opposite page.)

Stove and Greenhouse Plants.

The list of Stove and Greenhouse plants in the succeeding pages is necessarily much condensed, but space will not admit of a fuller enumeration. Our stock of this class of plants is, as is well known, the most extensive in America, and includes not only plants in ordinary sizes, which may be met with commonly in the trade, but also mammoth specimens often of many years' growth (some of our Tree Ferns are estimated to be nearly, if not quite, a thousand years old). All are in the best possible condition, grown with the greatest care at a low heat; for while Palms, Ferns, etc., grown in houses at which the temperature is kept too high, do make a rapid growth, it is a soft growth, easily affected by changes of temperature, and the plants brought into the cool rooms of a dwelling house suffer, droop and die.

At the World's Fair in Chicago we were awarded Medal and Diploma in each of the following Classes of Stove and Greenhouse Plants, and also for several specimen plants of different species. For full list of awards made us see second page of cover.

Collection of Palms.

Collection of Ferns.

Collection of Cycads

Collection of Ornamental Foliage Plants.

Collection of Tree Ferns.

Collection of Araucarias.

Collection of Bay Trees.

Palms.

	Each.
Acanthophœnix erinata. Of very graceful habit, with fine pinnated fronds; under surface glaucous; trunk and frond stems spiny.....	\$2 00
Areca Baueri. A fine spineless, pinnate-leaved Palm, much used for all decorative purposes. It is not easily injured by bad treatment.....	1 00
A. lutescens. An elegant Palm, with pinnate fronds. Much used by florists in decorating.....	50
A. Sanderiana. A new pinnate-leaved Palm, having its green fronds veined with yellowish green. Will prove very useful.....	3 00
A. Verschaffeltii. Leaves pinnate, nearly erect, gracefully arching at the top; the midribs whitish.....	2 00
Caryota sobolifera. The Fish-Tail Palm, so called because the ultimate divisions are triangular. An excellent ornamental plant.....	3 00
Cocos Weddeliana. A dwarf growing, pinnate-leaved Palm especially suitable for table decoration.....	75
Kentia Belmoreana. The most useful of pinnate-leaved Palms for decorative purposes, on account of its fine habit.....	1 00
K. Canterburyana. A stately Palm similar to the preceding.....	1 00
K. Forsteriana. Very similar in habit to <i>K. Belmoreana</i> and almost equal to it	1 00
Latania Borbonica. A desirable Palm, with spreading fan-shaped leaves. This is one the best of the fan-palms for general decorative work, and is so hardy that it is not affected by the dry air of a living room.....	50
Livistonia rotundifolia. A dwarf, compact-growing Palm, with palmate leaves in every respect superior to <i>Latania Borbonica</i> . See illustration opposite.....	2 50
Phœnix reclinata. This is the best for general culture of the large genus <i>Phœnix</i> , which includes the Date Palm of the Desert. It has pinnate leaves, and a slender, spreading habit.....	1 00
Rhapis flabelliformis A low-growing Palm, of a bushy habit very suitable for decorations.....	2 00
R. humilis. Similar in general aspect to the preceding.....	5 00
Sabal glauca. A provisory name. The seed of this beautiful Palm was introduced without any record being kept of its native habitat or country. It is a dwarf-growing Palm, with fine, broadly divided foliage, of a light green color on the upper surface, while underneath is a beautiful glaucous blue. As it will take years to determine its proper name, we have given it this provisory name; but whatever it is, it is a grand addition to this class of plants	1 00

Prices of other varieties, of specimen and half specimen plants on application.



A VARIETY OF *ARAUCARIA EXCELSA*. (See opposite page.)

Araucarias.

Evergreen cone-bearing trees, native to New Zealand and the adjacent islands. The branches are whorled and extend outward at almost right angles from the trunk, giving the plant a unique appearance. They are especially suited for table decoration.

Araucaria Cookii. Similar to *A. excelsa*, but with shorter branches..... \$2 00

A. excelsa. The best known and most generally grown variety. As it is a native of the cool Southern hemisphere, it withstands a low temperature, though not freezing, and retains its shape and color better than almost any other decorative plant in a dark place. This is an admirable plant for hall or parlor. See illustration opposite..... 2 00

Prices of other varieties on application.

Cycads.

A distinct and nearly extinct family, whose reign was during the subcarboniferous era, the forest trees which form the coal measures having been to a large extent Cycads. The two species named below, one from Asia, the other from the Southern United States, are the best at moderate prices.

Cycas revoluta (The Sago Palm, or Palm of Victory) A grand plant, with hard, leathery fronds, finely pinnated, and of a dark green color. A very useful decorative plant. 50c. and up.

Zamia integrifolia. Of the same general appearance as the Sago Palm, but smaller. \$0 75

Prices of other varieties on application.

Bromeliads.

This section comprises a large number of Air Plants, often called, from this fact, Lobster Orchids. The leaves are tufted, thick, often spiny, and often curiously marked or variegated. The flowers are produced in long spikes, but are less interesting for their own beauty than for the numerous large bright red bracts with which they are intermixed. Our collection of these interesting plants is very extensive, but we can name but few here.

Echmea fulgens. Flowers red, with bluish tip; August and September..... \$2 00

Ananassa sativa. The common Pineapple, cultivated everywhere in the tropics. The spreading, spiny leaves are long and pointed, and between them rises the flowerstalk..... 1 50

A. sativa variegata. Leaves two to three feet long, green, with broad margin of cream yellow, the extreme edge being red. A very desirable and free growing plant..... 5 00

Billbergia Liboniana. Leaves crowded in a short whorl; flowers bright red and purplish violet..... 1 00

B. Moraliana. Leaves shining green above and below; flowers bright red and purplish violet..... 1 00

B. rhodocynaea. Leaves green, tinged purple and banded with white; flowers rose-colored at first, later white, and at last blue..... 1 00

Cryptanthus zonatus var. Leaves of a coppery bronze, striped yellow, and changing to white. A beautiful species..... 1 00

Encholirion Saundersii. Leaves dark green above, with violet dots; under surface violet, with green blotches. A distinct and fine species..... 1 50

Tillandsia Lindenii. Flowers lilac-blue, stem a bright red; leaves olive-green, recurved. A beautiful dwarf-growing variety..... 1 00

T. fenestratis. Leaves broad, gracefully arching, spotted with red at the base..... 1 00

Vriesia splendens. Leaves green, with dark transverse bands on the lower side; flowers yellow, bracts bright purple. A splendid variety..... 1 50

CURMERIA WALLSII. (See opposite page.)



Aroids.

Here are included a great number of fine greenhouse plants, cultivated some for their beautiful foliage, others for their durable, often bright colored flowers.

<i>Alocasia macrorhiza variegata.</i>	Leaves bright green, blotched and marbled with white.	\$1 00
<i>A. metallica.</i>	Leaves rich bronze above, purple below; grand for table decoration.	1 00
<i>A. Sanderiana.</i>	Young leaves are glossy green, with age comes a metallic blue reflection.	2 50
<i>A. Thibautiana.</i>	Leaves deep gray-green, with strong white midrib. The finest of the Alocasias.....	3 00
<i>ANTHURIUM.</i>	The most valuable of the Aroids, and of definite value for all decorations. The foliage is imposing, often marked or variegated, while the flower, like a bright red Calla Lily, but more open, is one of the most durable flowers known, lasting for weeks on the plant. They are in bloom almost the entire year, and attract much attention at the exhibitions.	
<i>A. Andreanum.</i>	Spatha open, of a leathery texture, orange red, the spadix yellowish. The flowers remain fresh on the plant for a long time.....	\$1 00 and 2 00
<i>A. crystallinum.</i>	Cultivated for its foliage, the large leaves having the principal veins marked conspicuously with white.....	1 00
<i>A. grande.</i>	Also a fine foliaged species; dark green, with broad ivory-white veins.	1 00
<i>A. Scherzerianum.</i>	The spathe is large, bright scarlet; spadix orange colored; foliage is rich green, of a leathery texture. A compact grower, and makes a fine house plant.....	1 00
<i>Curmeria Wallisii.</i>	Leaves green, with a white border and bright golden yellow blotches on the upper surface. See illustration opposite.....	1 00
<i>DIEFFENBACHIA.</i>	Valuable decorative foliage plants, the leaves displaying many beautiful variegations.	
<i>D. Baraquiniiana.</i>	Light green, irregularly spotted with white, midrib pure white....	1 00
<i>D. Baueseii.</i>	Leaves yellowish green, margined and spotted with dark green and white.	1 00
<i>D. Bowmanni.</i>	Leaves deep green, with almost parallel marking of pea-green. A most useful variety.....	1 00
<i>D. eburnea.</i>	Leaves light green, spotted with white; stems brownish red.....	1 00
<i>D. Memoræ Corsii.</i>	Leaves silvery white, with thread-like lateral green veins.....	50
<i>D. picta.</i>	Leaves light green, spotted with white	1 00
<i>D. Seguine picta.</i>	Leaves light green, marked with pellucid white stripes.....	1 00
<i>Philothænum Lindeni.</i>	Leaves light green, with broad midrib and veins of pure white.	75
<i>Pothos aurea.</i>	Leaves dark green, with bands and blotches of creamy yellow.....	50
<i>Aglaonema Røbelinii.</i>	Leaves gray green, edged dark green; pale midrib.....	50c. to \$2 00
<i>A. picta.</i>	Leaves dark green, with grayish blotches having metallic lustre.....	75

Pitcher Plants.

NEPENTHES. These are interesting plants, whose leaves are modified into the form of pitchers, which hold water and drown insects, thus furnishing nutrition to the plant. These pitchers, which are five to six or more inches long, are marked and veined with red and yellow. The plants are curious as well as handsome, but require a rather high temperature to fully develop their handsome foliage.

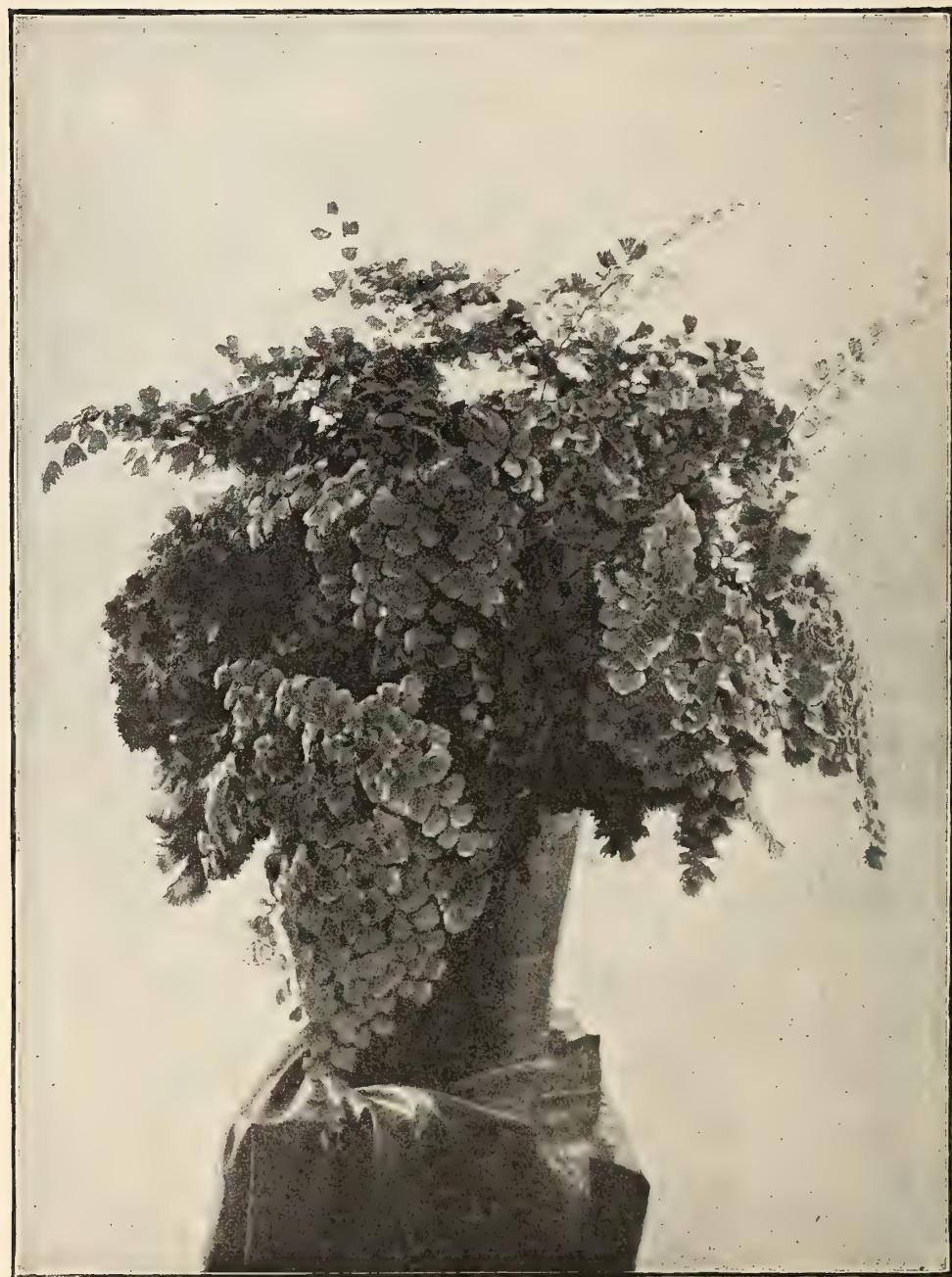
Our stock includes a number of varieties, names, descriptions and prices of which will be sent on application. Fine plants from \$2 00 to \$5 00 each.

SARRACENIA. In this class the whole leaf takes on the form of a pitcher, which stands upright from the root, instead of hanging downwards from the suspended plant.

<i>S. Drummondii.</i>	Pitchers tall, trumpet-shaped, white, with purple veins.....	\$0 75
<i>S. flava.</i>	Leaves or pitchers, 2 feet high, yellow, marked with purple veins.....	50
<i>S. flava maxima.</i>	Pitchers larger, and lids of bright green.....	75
<i>S. purpurea.</i>	More dwarf, the pitchers 6 to 7 inches high. A hardy bog plant	50
<i>S. variolaris.</i>	Leaves 10 inches high, yellowish, spotted with white near the summit.	75

Tree Ferns.

These are more decorative than Palms; being also less commonly used, the effects are better. Our stock of Tree Ferns is the largest in the United States, and includes specimens which authorities estimate to be nearly, if not quite a thousand years old. We will be pleased to send a list of varieties, with sizes, to those contemplating the purchase of such plants. See illustration on fourth page of cover.



ADIANTUM FARLEYENSE. (See opposite page.)

Ferns.

The Ferns are everywhere favorites, and their easy culture recommends them to every amateur. Many species commend themselves especially for cultivation in jardinières or window boxes, either by themselves or with flowering plants. For this purpose the Adiantums are especially suitable.

ADIANTUM. The Maiden Hair Ferns. The most beautiful of the class, foliage finely divided, and the stems, in general, glossy black.

A. Bausei.	A beautiful greenhouse hybrid, with fronds $1\frac{1}{2}$ to 2 feet long.....	\$0 50
A. bellum.	Fronds 4 inches long, tufted, very suitable for Wardian case.....	50
A. cuneatum.	The best known of the Maiden Hairs, and much used by florists with cut flowers. Of easy culture.....	25
A. cuneatum variegatum.	The Silvery Maiden Hair. This is a variety having the division of the fronds spotted with silvery white. Introduced by us the past year.....	25
A. excisum.	Fronds tall, wiry and densely tufted. A splendid variety for all purposes.....	50
A. Farleyense.	The grandest of the Maiden Hairs, and requiring stove treatment; must never be allowed to get dry. The delicate fronds are light green, while the young growth is pinkish. See illustration opposite.....	1 00
A. fragrantissimum.	Large triangular fronds, delicately divided, the divisions overlapping.....	50
A. gracillimum.	A graceful Fern; the frond finely divided.....	50
A. pubescens.	The fronds are covered with down or short hairs	25
A. trapeziforme.	A grand exhibition variety, having immense fronds, often 3 feet long. It is harder than most and lasts well in the living room.....	50
A. venustum.	Fronds light green, of firm texture; desirable for house culture.....	50
Asplenium bulbiferum.	Fronds often 2 feet in length. Young plants are often produced on the surface of the old fronds.....	25
Blechnum Brasiliense.	A very pretty Fern for greenhouse or conservatory.....	25
Davallia tenuifolia stricta.	A rapid growing Fern for jardinière or window box. Fronds 9 to 12 inches long.....	25
D. Fijiensis plumosa.	The finest of the Davallias, and distinct in the arrangement of the divisions of its bright green fronds.....	1 50
Gymnogramma Peruviana argyrophylla.	The Silver Fern and the best of that class. The under surface is heavily powdered white, the upper surface sparingly so.....	50
Microlepia hirta cristata.	A beautiful crested Fern of graceful character and free growth. The drooping habit makes it especially suitable for baskets	75
Nephrolepis exaltata.	An excellent variety of drooping habit, especially suitable for baskets.....	50
N. davallioides furcans.	A variety of robust habit, sending forth many large arching fronds.....	1 00
N. rufescens tripinnatifida.	A grand variety with large erect fronds. Very suitable for conservatory decoration.....	1 00
Onychium Japonicum.	A very useful Fern, especially for table decoration.....	25
Platycerium alcicorne (Stag's Horn Fern). The fronds are divided irregularly into large blunt segments. They are epiphytes, and thrive best in a basket or on a block of wood.....	1 00	
Pteris argyrea.	A useful variety of strong growth and habit, the fronds attaining the length of 3 feet. Has a silvery white band down the centre of the frond..	50
P. Cretica albo-lineata.	A variety very useful for jardinières and table decorations generally	50
P. nobilis.	A pretty upright-growing variety, well suited for table decoration.....	75
P. serrulata (Spider Fern). Fronds 9 to 19 inches long, 6 to 9 inches broad. Of useful habit	25	
P. Victoriae.	One of the finest ferns in cultivation, The fronds are neatly divided, and through the centre of each one runs a broad, irregular band of silvery white	25
Scolopendrium vulgare (Hart's Tongue Fern). A fine old variety, very useful for all kinds of decoration	25	

Selaginellas.

These plants, half way between the Ferns and Mosses, have distinct value in decorations. They are especially suitable for filling jardinières.

S. cæsia.	A trailing variety, with bluish colored leaves.....	\$0 25
S. cæsia arborea.	Fronds tall, green, with a bluish cast; stem creeping.....	50
S. caulescens.	An erect variety, often 12 inches high, of handsome appearance.....	25
S. flabellata.	Fine foliage of bright green color.....	25
S. Martensii variegata.	Of dwarf habit and a very useful and decorative sort.....	25
S. Lageriana.	A new variety, with bright green fronds.....	25
S. Pitcheriana.	A dwarf-growing variety; the under surface is bright and shining red. New and distinct.....	25
S. umbrosa.	A strong-growing variety, very suitable for jardinières and table decoration.....	25
S. viticulosa.	An erect, compact growing variety with light green fronds.....	35

Climbing Plants for Stove, Greenhouse or Conservatory.

Adhatoda cydoniæfolia.	Excellent climber for pillars. Flowers white and purple.....	\$0 50
Allamanda Hendersoni.	Elegant stove climber, with large, pale yellow flowers.....	50
A. nobilis.	Brighter yellow than the preceding.....	50
A. Williamii.	A new variety introduced by us in 1893. Flowers large, light yellow, produced in greatest profusion.....	50
Aristolochia elegans.	Fine climber for pillars or trellis work.....	50
A. grandiflora (Duck Plant).	A very curious flower, deep wine purple, mottled with creamy white. The bud, before opening, is 15 to 18 inches long, and in shape, color and size resembling a duck	1 00
A. ridicula.	Curious flowers which some imagine resemble the face of a monkey....	50
A. ornithocephala.	The flowers "have the head of a hawk, the beak of a heron, and the wattles of a Spanish fowl."	1 00
Asparagus plumosus.	A fine decorative plant, and taking the place to a great extent of the long popular Smilax.....	50
A. tenuissimus.	A tall-growing variety of graceful habit, and much used for mantel and other decoration.....	35
Cherokee Rose (<i>Rosa Sinica</i>).	Fine evergreen climber with large single white flowers.	75
Cissus discolor.	Upper surface of the large leaves is deep green, mottled white, lower surface reddish purple.....	50
Clerodendron Balfouri.	Pretty stove climber with white and red flowers.....	50
Ficus repens.	A fine climber with glossy green leaves; attaches itself to brick or stone	25
Hedera (English Ivy).	Very useful climbers with glossy green or variegated leaves. Choice varieties.....	25
Ipomæa Learii.	Flowers bright blue, morning-glory like.....	35
I. ficifolia.	Large purple flowers and handsome foliage.....	35
Jasminum gracillimum (Jasmine).	Large, pure white, sweet scented flowers.....	50
J. grandiflorum.	Yellow flowers, reddish below.....	50
Lygodium scandens (Climbing Fern).	Very useful for covering bare walls in the conservatory.....	50
Mikania violacea.	A slender climber.....	50
Passiflora (Passion Flower).	Fine varieties for the greenhouse.....	75
Pothos argyrea.	A beautiful stove climber with silvery green leaves.....	50
Rhynchospermum jasminoides.	Beautiful greenhouse climber, bearing clusters of white flowers in early spring.....	75
Selaginella cæsia arborea.	A climbing Selaginella, with delicate and handsome foliage.	50
Smilax (<i>Myrsiphyllum asparagoides</i>).	The well known climber so much used by florists in decorations.....	25
Stephanotis floribunda.	An old stove climber, bearing sweet scented white flowers....	50
Tecoma Capensis.	A smooth leaved, half hardy climber with orange scarlet flowers..	30

Other Beautiful-leaved Plants for the Stove House.

BEGONIA, Diadem.	Leaves deeply cut, green, with silvery white spots	\$0 50
B. smaragdina.	Leaves very light green, slightly hairy.....	75
B. imperialis.	The centre of the leaves is almost pure silvery white, while the marginal area is splashed with irregular dark green spots. Surface slightly hairy.	75
B. metallica.	Leaves bronzy purple, with metallic reflections.....	25
B. Rex.	Of the many varieties of this fine species we offer the newest and best only. Any variety named.....	50
Adolph Pollock.	Metallic and deep gray.	Mrs. A. Barron. Olive green and silver.
Argentea hirsuta.	Red, purple and silver.	President Carnot. Metallic green,
Count de Limminghi.	Silvery, ribs reddish.	blotched silver.
Duc de Brabant.	Centre dark, edges light green.	Roi Fernando Major. Light green, spotted deep green.
Louis Cappe.	Silver gray with dark ribs.	Voi Lactee. Silvery, with green ribs.
Louis Closson.	Bright metallic colors.	Surprise. Bright metallic color, with metallic lustres.
Madame Siebold.	Zinc colored, with green spots.	

CROTON (*Codiaeum*). A class of plants with curiously variegated leaves of bright colors and strange shapes. They are especially suitable for table decoration. The varieties offered below are the best.

C. aucubætolium.	Dark shining leaves with yellow spots and a pink midrib.....	35
C. Andreanus.	Green, with yellow veins and midrib, which change to crimson.....	50
C. Charlotte Rothschild.	Leaves deep metallic green with orange scarlet midribs.....	60
C. Disraeli.	Leaves with golden yellow ribs and veins.....	50
C. elegans punctatum.	Leaves a foot long, narrow, spotted with yellow.....	35
C. interruptum.	Leaves long, narrow, often spirally twisted, with purple midrib.....	35
C. nobilis.	Dark green, spotted crimson and yellow, below bright scarlet.....	75
C. pictum.	Leaves rich crimson, irregularly blotched with brown, green and black..	75
C. Princess of Wales.	Leaves narrow, green, suffused with yellow.....	35
C. Queen Victoria.	Leaves golden yellow, mottled with green; midrib crimson.....	50
C. variegatum.	Light green leaves marked with white.....	50
C. viridis.	Leaves dark green with yellow midrib.....	35

Dracaena.

Stove foliage plants of stately habit, usually with broad leaves; marked, especially in their young state with vivid or contrasting colors.

Dracæna amabilis.	Leaves glossy green marked with pink and yellowish white.....	\$0 75
D. fragrans.	Leaves deep green, paler in the young growth.....	50
D. hybrida.	Deep green, margined with rose and creamy white.....	1 00
D. indivisa.	Leaves dark green, without variegations; useful for its arching and graceful habit.....	25
D. Lindeni.	Leaves green and yellowish white in longitudinal bands, extending the whole length of the leaves.....	2 00
D. Massangeana.	A variety of <i>D. fragrans</i> , with broad leaves, green, striped with white. Like <i>D. fragrans</i> , it is a valuable decorative plant.....	1 75
D. Shepherdii.	Leaves broad, margins of lower portion and petioles bronzy orange, coloring with age.....	50
D. terminalis.	Leaves tapering, brownish green with red variegations.....	25
D. Youngi.	Strong grower, leaves dark green, marked with deep red and flushed with rose, changing to bronze.....	50



MARANTA PORTEANA. (See opposite page.)

Maranta.

A class of beautiful foliage plants with variegated leaves and compact dwarf habit of growth.

Maranta bicolor.	Pale green, blotched olive; under surface rosy purple.....	\$0 35
M. Chimboracensis.	Light green with zigzag belt of olive green and white.....	50
M. Kerchoviana.	Leaves short, grayish green, with purplish blotches on either side of the midrib.....	35
M. Legrelliana.	Leaves dark green, relieved by a band of white.....	50
M. Massangeana.	Leaves olive green, centre silvery gray, with blotches of purplish maroon.....	50
M. micans.	Shining green with feathery stripe of white down the centre, of spreading, tufted habit.....	35
M. princeps.	Leaves dark green, margined yellowish; purple beneath.....	50
M. Porteana.	Upper surface of leaves rich green, with transverse bars of white; lower surface purple. A fine plant of erect habit. See illustration opposite..	35
M. zebrina.	Light green, barred with purple; dull purple below. A most useful variety.	50

Other Fine Ornamental-leaved Stove Plants.

Aphelandra aurantiaca Roezlii.	Curious dark green twisted leaves, shades silvery; flowers scarlet.....	\$1 00
A. orientalis punctata.	Leaves veined and dotted with white; flowers yellow.....	1 00
Aralia Chabrierii.	Dark green pinnate leaves with crimson midrib.....	1 00
A. filicifolia.	Leaves fern-like, the stems and midribs purplish.....	50
A. Guilfoylei.	A splendid variety with beautifully variegated leaves.....	50
A. Sieboldii.	Leaves large, bright green; a strong growing species suitable for the living room.....	50
Bertolonia Van Houttei.	Leaves deep olive green, with magenta veins and pink spots; the whole surface is covered with white hairs. Of elegant dwarf growth.....	1 00
Campylobotrys Ghiesbrechtii.	Leaves long, dark green, with prominent veins; purple red below.....	50
C. Ghiesbrechtii variegata.	Finer than the type, the leaves being blotched with creamy white, yellow and red.....	75
Dichorisandra Siebersii.	Leaves dark green, with white midrib and margins.....	1 00
D. undata.	Leaves broad, dark green, with longitudinal silvery bands, purple below.	75
Eranthemum albo-marginatum.	Leaves suffused gray and broadly margined with white.	50
E. Eldorado.	Leaves yellow, mottled and veined with green.....	50
E. purpureum.	The leaves and stems are dark, lurid purple.....	50
E. nerium rubrum.	Leaves shaded light and dark green and blotched with yellow....	75
Ficus elastica.	Leaves glossy green, of a leathery texture. This is the India Rubber plant, so extensively grown for decorations. There is no other house plant which will stand so much ill-usage as this, and there are few handsomer.....	50
F. elastica variegata.	A form of the preceding, with beautiful variegated foliage. Makes a grand and striking house plant.....	2 50
F. Indica.	Leaves dark green, leathery, small and round.....	50
F. Parcelli.	A very ornamental stove plant, with beautiful variegated leaves.....	1 00
Fittonia argyroneura.	An evergreen trailer with bright green leaves, netted with white.	25
F. Verschaffeltii.	Leaves large, dark green, with midrib and veins of dark red.....	25
Heliconia aureo-striata.	Leaves deep green, traversed by curving, parallel veins of golden yellow. A noble plant. See illustration page 38.....	2 00
Hoffmannia refulgens.	Leaves green, suffused with red; more red below.....	50
Panax Victoriae.	A fine stove shrub with distinct variegated leaves, forming a dense plumy mass of foliage. Very useful for table decoration.....	50
Pandanus Javanicus variegatus.	A fine variegated Screw Pine, the leaves being margined with white spines.....	1 00
P. utilis.	The common Screw Pine, with long, spirally-arranged green leaves, armed with red spines.....	50
P. Veitchii.	A variety with long leaves striped longitudinally, with broad bands of creamy white. Makes a grand house plant.....	1 00



HELICONIA AUREO-STRIATA. (See page 37.)

OTHER FINE ORNAMENTAL-LEAVED STOVE PLANTS—CONTINUED.

<i>Peperomia argyreia.</i>	Leaves fleshy, metallic white, with bright green veins.....	\$0 35
<i>Sanchezia nobilis.</i>	Leaves glaucous green, striped with white.....	50
<i>Phrynum variegatum.</i>	Beautiful variegated leaves 6 inches long, borne on long fleshy stalks.....	50
<i>Tradescantia discolor.</i>	A free growing plant, with thick fleshy leaves, purple on the under side.....	25

Some Beautiful Plants for the Coolhouse.

<i>Abutilon Thompsoni.</i>	A free growing shrub with light green, yellow spotted leaves and orange red flowers.....	\$0 25
<i>Agapanthus umbellatus fol. var.</i>	Leaves white, with narrow green stripes; flowers blue.	75
<i>Aspidistra lurida.</i>	A very useful house plant, with long broad leaves.....	75
<i>A. lurida variegata.</i>	A variegated form, having the leaves marked with pure white...	1 00
<i>Aucuba Japonica.</i>	An evergreen shrub with shining pale green, yellow spotted leaves.	50
<i>Cyperus alternifolius.</i>	Leaves slender, arranged in umbels at the top of the stalk. Fine house plant.....	25
<i>C. alternifolius variegatus.</i>	A beautiful variegated form, very suitable for table decoration.....	1 00
<i>Grevillea robusta.</i>	A fine house plant, with beautiful foliage, and of the easiest growth.....	50
<i>Hibiscus Cooperi.</i>	Leaves marked with white, pink, and crimson; flowers scarlet....	50
<i>H. Cooperii tricolor.</i>	An improved variety, with more strongly marked leaves. Fine for vase.....	50
<i>Isolepis gracilis.</i>	An ornamental grass for vases and jardinières.....	15
<i>Laurus nobilis</i> (Bay Tree).	Very useful for the lawn in summer. Standards and pyramids, price on application. Small plants.....	50
<i>Nertera depressa</i> (Bead-plant).	A smooth, creeping plant, thickly covered with coral-like berries.....	50
<i>Panicum variegatum.</i>	Leaves striped white and pink tinted; useful for baskets.....	15
<i>Rohdea Japonica variegata.</i>	A fine variegated leaved greenhouse plant.....	1 00
<i>Vinca major variegata.</i>	A pretty trailer for baskets, etc. Light green leaves marked with white.....	25

Stove and Greenhouse Flowering Plants.

See also pages 42 to 51 for other plants suitable for the greenhouse or for planting out in summer. In our Bulb Catalogue may be also found many sorts of flowering plants for pot culture.

Azaleas.

We are the largest importers in the country of these popular Easter-flowering shrubs, and we offer only the best flowering varieties in plants well set with buds. Of many varieties we have large specimens, particulars and prices of which we are pleased to send to any applicant.

Any of the following, each.....	\$1 00
A. Borsig. The best double white.	Madame de Grevy. Rose, bordered white.
Bernard Andre. Bright rose, double.	Madame van der Cruyssen. Deep rose, large.
Bernard Andre alba. Very double white.	Punctulata. Cream white, spotted red.
Deutsche Perle. Pure white, double.	Raphael. Pure white, double.
Emperor of Brazil. Flesh color, white edge.	Sigismund Rucker. Lilac rose, bordered white.
Madame Louise Van Houtte. Rose, striped amaranth.	Empress of India. Salmon rose, white and carmine.



VIEW IN ONE OF OUR CHRYSANTHEMUM HOUSES. (See pages 47 to 51.)

Bouvardias.

Beautiful flowering plants for fall and winter blooming; the corymbs of flowers fairly cover the plant. The varieties named below we have selected as the best; each....	\$0 25
Alfred Neuner. Waxy white, double, petals in three rows.	Elegans. Very large flower, carmine, single. Hogarth. Light carmine; very double.
Davisonii. White, sometimes pink tinged.	President Garfield. Beautiful pink flowers.
	President Cleveland. Bright scarlet; single.

Genistas.

The Genistas or Cystisuses are plants of recent introduction, but they have come rapidly to the front as favorites for Easter decoration. The flowers are in large drooping spikes, in various shades of yellow, and produced in the greatest abundance. As yellow is such a rare color at Easter time, when there is such a demand for flowers, it gives these new Genistas a distinct value, whether for cutting or as decorative plants for any occasion. Any of the following varieties; each.....

\$0 50

Eldorado. Bright yellow, long in bloom.	Lemon. Flowers pale lemon yellow.
Gold. Deep golden yellow flowers.	Canary. Light yellow.
California. Deep yellow; distinct foliage.	Golden Gate. Flowers bright yellow.

Other Fine Greenhouse Flowering Plants.

Ceanothus azureus. A handsome shrub, with pale blue flowers.....	\$0 50
Chorizema ilicifolia. An evergreen shrub with holly-like leaves and yellow flowers...	25
Chrysanthemum. See pages 46 to 51 of this catalogue.	
Chrysanthemum frutescens (Paris Daisy). Well-known favorite for either pot culture or for planting outside.....	25
C. frutescens (Etoile d'Or). A yellow flowered variety of the preceding.....	25
Eranthemum tuberculatum. Large pure white flowers, borne on much branching stems.	50
Erica hyemalis. A greenhouse evergreen, with white and pink flowers.....	75
E. Wilmoreana. Flowers bell-shaped, in spikes about a foot high.....	1 00
E. gracilis. A pretty autumn and winter flowering Heath.....	1 00
Euphorbia jacquiniæflora. Bright orange scarlet flowers in long wreaths; winter.....	50
Gardenia florida (Cape Jessamine). Evergreen shrub, with white, sweet-scented flowers.....	50
Hydrangea Otaksa. A Japanese shrub, with immense heads of pale pink flowers.....	75
H. hortensis. Bright pink flowers in large heads. This and the next make elegant pot plants.....	75
H. hortensis "Thomas Hogg." A pure white form of the preceding. Both are hardy south of the Ohio.....	75
Imantophyllum miniatum. A beautiful greenhouse plant, with long, dark green leaves and orange red flowers.....	1 00
Leonotis Leonurus (Lion's Tail). Scarlet flowers, in whorls; a winter flowering shrub.	50
Libonia floribunda. A free-flowering greenhouse plant; flowers scarlet and yellow....	25
Linum trigynum. Round, deep, orange flowers, freely produced.....	50
Myenia erecta. Free blooming stove plant, flowers dark blue.....	75
Ophiopogon Jaburan variegatus. Half hardy, with dense spikes of deep violet flowers..	75
Pieroma elegans. An elegant stove shrub, with large blue flowers in May and June.	75
Polygala myrtifolia. Purple, pea-like flowers from myrtle-like foliage.....	75
P. speciosa. Showy purple flowers in loose racemes.....	50
Ruellia formosa. Free flowering; flowers scarlet.....	50
Senecio Petositis. A greenhouse shrub, with yellow flowers in December.....	35
Statice arborea. Flowers pale blue; shrubby, flowering in July.....	50
Streptosolen Jamesonii. A greenhouse evergreen, with orange-colored flowers.....	35
Veronica. Blue Gem. A handsome greenhouse plant, with spikes of deep blue flowers.	25
V. Mammoth. A variety with extra large and bright colored flowers in tall spikes....	25



DWARF FRENCH CANNA, MADAME CROZY. $\frac{2}{3}$ natural size. (See opposite page.)

Tender Plants for Summer Blooming Outside, or for Pot Culture.

New Dwarf Cannas.

This new dwarf race, first introduced a few years ago, has now attained great prominence as a summer plant for beds and groups on the lawn. There are a number of named varieties offered, but those mentioned below are the best of the standard sorts. In the blue pages of this Catalogue may be found a list of new seedlings, raised by ourselves, and for which we predict prompt success.

Admiral Gervais. Leaves green, bordered purple; flowers large; carmine, edged yellow.

Martin Cahusac. A strong grower, foliage green, flowers clear vermillion.

Comtesse Olivier de l'Etoile. Foliage glaucous green, flowers chrome, dotted carmine.

Marquise Arthur de l'Aigle. Foliage green, flowers well opened, large, bright red, except at base and margin, where it is yellow tinted.

Professeur Gerard. Foliage bright green, flower truss very large and compact, cherry red.

Paul Bruant. A strong growing variety; flowers bright flame color.

G. Sennholz. Foliage dark green, flower orange salmon, yellowish at edges. A striking and valuable variety.

Nardy Pere. Foliage green, tinted purple, floriferous; flowers large, bright red.

Maurice Musy. Of strong habit, flowers clear rose lake.

Explorateur Campbell. Foliage green, flowers bright blood red, with oval dots of crimson.

Admiral Courbet. Flowers fine yellow, mottled with scarlet; foliage green.

Comte Horace de Choiseul. Foliage dark green, flower large, with dark cherry red petals.

Edouard Andre. Foliage dark brownish green; flowers large, deep carmine.

Geoffrey St. Hilaire. Foliage deep purple green; flowers bright orange scarlet.

Henri L. de Vilmorin. Foliage green; flowers rich flame color, shading yellow.

Ingenieur Alphaud. Foliage purple; flowers large, carmine.

J. Montel. Foliage dark green; flowers a beautiful dark crimson. 30c. each; \$3.00 per doz.

Madame Crozy. Fine foliage, growing about 3 feet high; flowers vermillion scarlet, with distinct edging of bright yellow. 30c. each; \$3.00 per doz.

M. Laforcade. Dwarf; flowers light orange red.

Price, except where noted, 25 cents each; \$2.50 per doz.

Carnations.

Blanche. White, calyx non-bursting.

Dr. Smart. A peculiar pinkish cream, striped crimson.

Grace Battles. The ideal pink; stout stems.

Madame Diaz Albertini. Large; delicate pink.

Mrs. Elizabeth Reynolds. Large, clear pink.

Purdue. Deep pink; stem strong.

Richmond. Bright carmine, finely fringed.

Spartan. Rather dwarf; deep carmine.

Wabash. Brilliant deep crimson, fringed.

Western Pride. White, striped scarlet.

William Scott. Large; deep pink.

American Flag. Striped crimson and white.

Aurora. More delicately shaded than Grace Wilder.

Buttercup. Yellow, with pink markings.

Crimson Coronet. Medium size, early crimson.

Daybreak. A delicate pink, on long stems.

Fred. Creighton. Pink; early and continuous bloomer.

Golden Gate. Deep, clear golden yellow.

Grace Wilder. The most popular pink.

Hinze's White. Large and full, white.

J. R. Freeman. Clear cardinal; the best red.

Lizzie McGowan. Large, pure white.

Mrs. Fisher. White; the leading Boston variety.

Portia. Bright scarlet.

Silver Spray. White, free blooming and fine.

Price: 10 cents each; \$1.00 per doz.

BEDDING PLANTS.

FOR SUMMER EFFECT.

To quickly transform the face of nature, to make bare bed change into mass of color, to plant above spring-flowering bulbs when their season of beauty has gone to give the broad lawn a dash or two of color, such are the uses of the tender bedding plants, the Geraniums, Coleus, Petunias, etc., etc. They glory in the heat of the summer sun and withstand draught well, but are blighted by the first frost of autumn. Not only for bedding plants, but also for pot plants for the window are they as much esteemed, their easy culture recommending them to those of little time or little experience in the care of plants. We can supply any variety in the market, but our trials have proven those named below to be the best.

Zonal Geraniums.

Mrs. Pollock.	Leaves golden yellow and bronze; flowers scarlet.	Portia.	Fine pink and white.
Remberto.	Double, fine bright scarlet.	Miller's Gem.	Fine double, magenta.
Proserpina.	Deep rose pink, edged silver.	Richard Dean.	Deep, rich crimson.
White Abbey.	Flowers of the purest white.	Gold Finder.	Double, red, strongly tinged with yellow.
Lady Rosebery.	Pale pink in full clusters.	Sun Ray.	Brightest scarlet; useful for massing.
Vulcan.	Flowers blood red, very showy.	M. Dupre.	Double red; a standard sort.
Mrs. E. G. Hill.	Exquisite rose color, tenderly shaded.	Ida Walters.	Single crimson, fine for massing.
La Vestale.	Pure white, single.	Mrs. Robert Cannel.	Soft rose pink, with a silvery sheen.
Wedding Ring.	A brilliant orange scarlet.	Lord Rosebery.	Brilliant scarlet; free blooming.
La Favorite.	Double white, in compact clusters.	Price: 15 cents each; \$1.50 per doz.	

Ivy-Leaved Geraniums.

Among the finest of house plants, free growing and of easy culture; they are of a drooping habit, and do best in vases or baskets, or can be trained upon a trellis.	Charles Turner.	Exquisite rose-pink, veined maroon, double.
Beauty of Castle Hill. Large and double, of a fine pink.	Flambeau.	Deeper than Pierre Crozy.
Galilee. A strong grower; rich, deep pink.	Joan of Arc.	Very double, purest white.
Pierre Crozy. Rich vermillion, shaded orange. The finest variety for bedding.		

Pelargoniums,

OR LADY WASHINGTON GERANIUMS.

These are among the highest colored and freest blooming of tender plants, and are admirably adapted by their easy culture for pot plants for the house or for bedding plants.

Best varieties, 35c. each; \$3.50 per doz.

Salvia splendens.

The Scarlet Salvia so much used for summer bedding. In the whole range of the floral kingdom there is nothing of a brighter color, or which blooms more freely.

Price: 15c. each; \$1.00 per doz.

Petunias.

Delightful pot plants, and as useful for planting out in the summer. Nothing blooms more freely, and few plants have more beautiful flowers. They come in a variety of colors, both self-colors and striped, and the double varieties are, many of them, as full as a Camellia, while others are beautifully rayed, marked or fringed.

BEST VARIETIES.

Double, 20c. each; \$2.00 per doz.

Single, 10c. each; \$1.00 per doz.

Pansies.

We offer plants wintered in coldframes and ready to begin blooming at once. Extra large flowers and bright colors. Black, white, light blue, dark blue, yellow, bronze, finest varieties mixed.

Price: 10c. each; 75c. per doz.

Coleus.

Well known plants whose bright, often parti-colored foliage makes them especially useful for bedding out. The colors range through crimson, magenta, pink, yellow, etc., often mottled and striped with contrasting colors. Being of easiest culture they are much grown also as house plants.

Crimson Verschaffeltii. The best crimson.

Variabilis. Green, maroon and yellow.

Golden Bedder. Clear yellow; dwarf.

Attraction. Brown, yellow, maroon and green.

John Goode. Green and yellow.

Yellow Queen. Fine yellow.

Fire Crest. Crimson, blotched bronze.

Fire Brand. Maroon, shaded red.

Glory of Autumn. Chocolate crimson.

Yeddo. Emerald green, yellow margin.

Peter Henderson. Light green, cream centre.

Mrs. Watts. Olive green, broad pink border, spotted crimson.

Spotted Gem. Black, brown, crimson, green and yellow, curiously marbled.

Rob Roy. Crimson.

Chicago Bedder. Mahogany red; dwarf.

Price: 10c. each; \$1.00 per doz.

Fuchsias.

These free-growing plants with graceful drooping flowers of bright colors are favorites everywhere for house plants or for bedding out in summer.

Carl Holt. Red and white, striped; single.

Madame Thibaut. Showy deep red.

Perle von Brun. Red and white; double.

Black Prince. Carmine and pale pink.

Covent Garden White. White and rose color.

Elm City. Very dark red and crimson; dwarf.

Ernest Renan. White and rose color; single.

Flocon de Niege. Red and white.

Mrs. Marshall. White and scarlet; single.

Mrs. E. G. Hill. Bright red and pure white; very large; double.

Phenomenal. Bright red and violet; large.

Roderic Dhu. Purple and white; fine.

General Roberts. Single flower; the largest in cultivation.

Price: 15c. each; \$1.50 per doz.

Heliotropes.

Great favorites, principally on account of their delicious perfume. May be grown in any window.

White Lady. White; very fine; large truss.

Jersey Beauty. Bright mauve purple.

Chieftain. Deep lilac; large truss.

Madame Bruant. Lilac, with white eye.

Madame Blonay. White; very large.

Queen of Violets. Violet purple, white eye.

Price: 10c. each; one each of above six varieties for 50c.

Lantanas.

Free-blooming plants, suitable for summer bedding or for pot plants. May be wintered in a cellar.

Aurantiaca. Bright orange.

La Neige. Pure white; fine.

Flora. Orange and pink.

Pluie d'Or. Bright yellow; dwarf.

Hendersonii. Orange, changing to crimson.

Triumph. Deep orange.

Price: 10c. each; one each of above six varieties for 50c.

Verbenas.

For bright colors and free-blooming characters, the Verbena is the equal of almost any other plants. Planted out they begin to bloom at once, and keep in bloom till frost. They soon grow to entirely cover the ground. There are almost all colors—scarlet, crimson, pink, magenta, pure white, purple, striped, with central eye of contrasting color, etc., etc.

Price : Best Varieties, 10c. each ; \$1.00 per doz.



MISS ANNIE MANDA. The Sweet-scented Chrysanthemum. (See page 49)

CHRYSANTHEMUMS.

For Full Descriptions of Our New Introductions for 1894, see blue pages of this Catalogue.

Chrysanthemums have attained a prominence achieved by no other class of plants, unless we except the rose. Our collection is known the world over, and is, without doubt, the finest outside of Japan. We have introduced more new varieties and of greater merit than any other firm in the entire world. And at all the principal exhibitions in the country, and at many in Europe, our Chrysanthemums carried off the honors.

The following list is, necessarily, much condensed, but we can safely say that no variety is included which has not great merit.

The varieties which were disseminated by us are designated by P. & M., with the year in which they were sent out.

Explanation of abbreviations: A. is Anemone. J., Japanese. S., Single. HJ., Hairy Japanese. C., Chinese. P., Pompon.

Price: 20 cents each; \$1.50 per doz.

- A. A. Sturges.** J. Large, double; golden yellow.
- Ada Le Roy.** J. Large and full; deep rose pink.
- A. Ladenburg.** J. Large, full double; delicate rose pink.
- Alba Venus.** J. Pure white. Dwarf and early.
- Albatross.** A. Full; pure white. P. & M., 1892.
- Alcazar.** J. Large; face of petals red, reverse old gold.
- Amber Queen.** C. Full double; soft amber, with deeper shadings.
- American Flag.** J. Double; silvery rose, lined crimson.
- Andes.** J. Bronze yellow; petals reflexed, slightly twisted. Late. P. & M., 1893.
- Anna Woods.** J. Double; rosy magenta, silvery underneath.
- A. T. Ewing.** J. Large double; cream white, penciled pink.
- Bashful Youth.** HJ. Blush white; petals broad, incurved, margins ciliated. P. & M., 1893.
- Batavia.** S. Petals long, at first white, changing to lilac. P. & M., 1893.
- Bessie Pitcher.** A. Deep rose, with lighter centre. P. & M., 1891.
- Blushing Maid.** HJ. Beautiful creamy white, shading to delicate rose. P. & M., 1893.
- Bohemia.** J. Large, reflexed; Venetian red. One of the best reds. P. & M., 1891.
- Brilliant.** P. Crimson. Fine Pompon type.
- Bryden, Jr.** J. Very large; clear, soft yellow; incurved. Silver medal, 1892.
- Burnham Squier.** J. Flowers large double petals incurved; rich golden yellow. P. & M. 1893.
- C. B. Whitnall.** C. Extremely double; velvety maroon; early.
- Cardinal.** J. Cardinal red, under side of petals terra cotta.
- Chicago.** J. Delicate shell pink, changing to white.
- Clara.** P. White; early.
- Cockatoo.** A. Centre yellow, ray petals white. P. & M., 1893.
- Cochineal.** J. Enormous flowers; inner surface of petals bright claret, reverse wine color. P. & M., 1893.
- Col. H. M. Boies.** J. Very large; rose pink, with paler veinings; five first prizes in 1891. P. & M., 1892.
- Col. William B. Smith.** J. Large, high and double; golden bronze.
- Comrade.** J. Lemon yellow, becoming paler with age.
- Country Lassie.** HJ. Flowers large, full and double, petals incurved. P. & M., 1893.
- Creole.** J. Petals deep claret, reverse garnet; incurved. .
- Daisy.** S. Fine single; white, yellow centre. Grand for specimens. P. & M., 1891.
- Defiance.** J. Large and flat; Indian red, spotted old gold.
- Dr. H. A. Mandeville.** J. Large, full double, petals very long and twisted; bright chrome yellow. P. & M., 1892.

CHRYSANTHEMUMS—CONTINUED.

Price: 20c. each; \$1.50 per doz.

- Dr. H. D. Hull.** J. Cameo pink, the outer petals fading.
- Dr. Julius Cullendrear.** J. Extra large flower, perfectly double, with incurved petals; pale primrose yellow. P. & M., 1893.
- Duchess of Westminster.** A. White, yellow centre. P. & M., 1891.
- E. G. Hill.** J. Large and fine; yellow, with reddish shadings.
- E. Hitzeroth.** J. Extra large, bright yellow.
- Edward Hatch.** J. Very large, almost spherical; lemon yellow, with pinkish tinge.
- Edwin Molyneaux.** J. Large; chestnut red, reverse golden.
- Elmira.** S. Large, petals extra long; deep magenta pink. P. & M., 1893.
- Emily Ladenburg.** J. Large and solid; deepest crimson. Of strong habit.
- Ermenilda.** J. Outer petals reflexed, inner incurving; rose pink.
- Etoile de Lyon.** J. Large; pearl white to lilac.
- Falstaff.** J. Clear pink, base of petals darker, incurved; early.
- Fascination.** J. Lemon yellow; long, twisted petals; large.
- Flora.** P. Deep golden yellow.
- Francis T. Breese.** J. Deep golden yellow.
- Frances Tarbox.** J. Large, full centre; silvery pink; very early. P. & M., 1892.
- Gartinspector Umlauf.** H.J. Chamois yellow, tinged pink. P. & M., 1893.
- George R. Gauze.** J. Very large, semi-globular; bright bronze.
- George Vair.** J. Flowers large and double; upper surface cinnamon red, reverse buff yellow. P. & M., 1893.
- George W. Childs.** J. Deep crimson, without shade of brown. The best of its color.
- Gertie.** H.J. Flowers pale primrose yellow, petals incurved. P. & M., 1893.
- Gloriana.** J. Clear lemon yellow; petals broad, folded and incurved.
- Golden Gate.** J. Large, petals broad, reflexed; canary yellow. P. & M., 1893.
- Golden Wedding.** J. Immense flower of brightest yellow.
- H. Shoesmith.** C. Incurved; rich bronze.
- Hackensack.** S. Very large, petals spoon-shaped; pale pink. P. & M., 1892.
- Harry May.** J. Flower very large and deep, full double; deep old gold; reddish veins; foliage and habit hardy and vigorous. Took fourteen first prizes when first exhibited. P. & M., 1892.
- Harry L. Sunderbruch.** J. Large; clear bright yellow.
- Harry E. Widener.** Large; bright yellow; stiff stem.
- Harvest Moon.** J. Large; pale lemon yellow; petals reflexed. P. & M., 1893.
- Herald.** A. Large; bright golden yellow; central florets tubular; crowded into a head, rays drooping when old. P. & M., 1892.
- Illuminator.** J. Large, full; clear yellow.
- Imperial Castle.** J. Very large, full double; pure white; incurved. P. & M., 1893.
- Imperial Favorite.** J. Fine form, incurved; deep golden yellow. P. & M., 1893.
- Ivory.** C. Pure white; incurved. An old favorite.
- J. D. Foot.** J. Large, full double; hemispherical.
- Jeannette.** J. Large and double; golden yellow, shaded crimson; late.
- Jennie Williams.** J. Double and solid; cream white, shading to yellow.
- Jessica.** J. Very large; white. One of the earliest whites.
- Joey Hill.** J. Very large; cardinal red and old gold; full.
- John H. Taylor.** J. White; reflexed.
- John White.** J. Pearly white; full and double. One of the earliest large flowered Chrysanthemums. P. & M., 1893.
- Joseph H. White.** J. White; globular flower.
- Judge Hoitt.** A. Very broad petals; pale pink.
- Kamaba.** J. Double; yellow, tips of petals darker.
- King of the Ostrich Plumes.** H.J. Flowers full and double, deep golden yellow, with laciniated petals. P. & M., 1893.

CHRYSANTHEMUMS—CONTINUED.

Price : 20c. each ; \$1.50 per doz.

- Kioto.** J. Very large, incurved; yellow. Fine for cut blooms.
- La France.** J. Full and double; a lovely shade of pink. One of the earliest varieties in cultivation. P. & M., 1893.
- Lady Florence.** Flowers large and of good substance; fine rich yellow; early. A strong grower, and suitable for training to any shape for specimen plant. P. & M., 1893.
- Lemon Peel.** J. Lemon yellow, striped red; incurved, very free. P. & M., 1893.
- Lena Waltz.** J. Large and early; white.
- Louis Boehmer.** HJ. Silvery pink. P. & M., 1890.
- Louis Menand.** J. Fine double flowers of deep madder brown, shaded lake, tipped with golden yellow; petals reflexed. P. & M., 1893.
- Lord Brooks.** J. Fine golden orange; incurved. P. & M., 1891.
- M. B. Spaulding.** J. Very large, extremely double; lemon yellow.
- M. W. Redfield.** J. Peach pink; reflexed; dwarf and early.
- Mabel Simpkins.** C. Incurved, a solid ball; snow white.
- Madame A. Mante.** C. Fine orange yellow; incurved.
- Malayan Beauty.** HJ. Full and double; pale canary yellow. Of vigorous habit. Fine for cut flowers. P. & M., 1893.
- Mamie Sievers.** J. Large; pale canary yellow; upper petals reflexed, lower incurved. P. & M., 1893.
- Marguerite Jeffords.** J. Amber yellow; globular.
- Martha Duryea.** J. Large; clear white; thick petals.
- Mascotte.** J. Large, full double; deep pink, tips paler.
- Master of the Garden.** J. Large; pink white, buff centre; incurved; late. P. & M., 1893.
- Matchless.** J. Lemon yellow; incurving, globular.
- Maud Dean.** J. Very large, petals broad and incurving; pink.
- Maud Pitcher.** P. Bronze. P. & M., 1890.
- Medusa.** J. Petals thread-like; white. Very distinct.
- Miles A. Wheeler.** J. Large, incurved; light yellow, striped pink.
- Miss Annie Manda.** HJ. Flowers very deep and compact, perfectly double, incurved, of the purest white. The petals are well furnished with long, glandular hairs, more numerous and conspicuous than in *Mrs. Alpheus Hardy*. Sweet scented. P. & M., 1892. See illustration page 46.
- Miss Bertha N. Robison.** J. Large; rose pink, with red centre; very early. Took thirteen first prizes in 1891. P. & M., 1892.
- Miss Bessie Cumming.** Very handsome pure white flowers, with incurved petals. P. & M., 1893.
- Miss Ellen Robbins.** HJ. Large, pure white. P. & M., 1893.
- Miss Frances Thorley.** J. Large; pure white; dwarf.
- Miss Lydia Hopkins.** J. Large, double, whorled; white, tinted pink.
- Miss M. L. Baldwin.** J. P. & M., 1893. For description see p. 22.
- Miss Madge Clark.** J. Very large, full and double; rose, changing to pale mauve. P. & M., 1893.
- Miss Minnie Wannamaker.** J. Creamy white; incurved; dwarf.
- Mlle. Elsie Dordan.** P. Lilac pink; early and dwarf.
- Modest Bride.** HJ. Full double; creamy white; shaded satiny pink. P. & M., 1893.
- Mr. A. Schoeninger.** J. Large, full and double; orange yellow. A good exhibition variety. P. & M., 1893.
- Mr. A. G. Ramsay.** J. Medium size, full centre; Indian red above, yellowish below. P. & M., 1892.
- Mr. Ed. G. Uihlein.** J. Full double, reflexed; white, changing to lilac, marbled and veined with light purple. P. & M., 1893.
- Mr. Hicks Arnold.** J. Full double; old gold; when fully open, almost spherical. The freest growing variety known, and one of the most floriferous. Winner of twelve first premiums in 1891. P. & M., 1892.

CHRYSANTHEMUMS—CONTINUED.

Price : 20c. each ; \$1.50 per doz.

- Mr. Jingle.** J. White; incurved; late.
- Mr. Joseph Clarke.** J. Full and double, outside petals tubular; golden yellow; strong stems. P. & M., 1893.
- Mrs. A. J. Drexel.** J. Double, hemispherical; crimson lake.
- Mrs. Alpheus Hardy.** HJ. White. The first of the hairy varieties. P. & M., 1889.
- Mrs. Bayard Cutting.** A grand, massive flower of extraordinary substance; petals incurved, inside a deep rose, outside a silvery pink. Took special premium in 1892. P. & M., 1893.
- Mrs. D. D. L. Farson.** J. Delicate pink.
- Mrs. Denne.** J. Large, petals broad, incurved; rosy, reverse silvery. P. & M., 1893.
- Mrs. De Witt Smith.** J. Large, incurved, double; outer petals soft rose, centre white. P. & M., 1891.
- Mrs. Dr. H. A. Mandeville.** J. Large, incurved; yellow. Of good habit. Took four first prizes in 1891. P. & M., 1892.
- Mrs. Dudley C. Hall.** C. Large and deep; rich yellow.
- Mrs. E. D. Adams.** J. The largest white variety known, specimens sometimes measuring 18 inches from tip to tip of petals over the flower; outer petals swirled. Fourteen first prizes in 1891. P. & M., 1892.
- Mrs. F. L. Ames.** J. The grandest of all yellows. Flowers very large, of the richest golden yellow, of great substance and lasting qualities. First premium for best Yellow Chrysanthemum in 1892, and three other first premiums.
- Mrs. H. F. Spaulding.** J. Full double, incurved; white.
- Mrs. Henry Graves.** J. Very large, full double, peach pink; petals very gracefully incurving.
- Mrs. Herbert Leon.** J. Very large, full double; pink; early. P. & M., 1892.
- Mrs. J. Hood Wright.** J. Large, full double; purest white. Very early. P. & M., 1892.
- Mrs. J. W. Crouch.** J. Large, nearest approach to self purple.
- Mrs. J. T. Anthony.** J. A very early variety, flowering in October. Large, full flowers, of a fine dark pink, changing to blush white; petals reflexed. P. & M., 1893.
- Mrs. J. W. Morrissey.** J. Very large, full double; silvery pink.
- Mrs. Katherine Belle Lewis.** J. Canary yellow; early. Fine for specimens. P. & M., 1893.
- Mrs. Leslie Ward.** HJ. Large, full and double, buff yellow, shaded with pink, tips of petals pale yellow; petals slightly hairy, incurved. Special premium in 1892. P. & M., 1893.
- Mrs. M. C. Madeira.** C. Large, globular; orange yellow.
- Mrs. M. F. Gallagher.** J. Large, with full centre; petals crimson above, paler below. P. & M., 1892.
- Mrs. M. Simpson.** J. Very large, incurved; soft chrome yellow.
- Mrs. Robert Craig.** J. Perfectly double, large; snow white.
- Mrs. W. H. Phipps.** J. Large; white.
- Mrs. W. P. Henszey.** J. Very dark crimson, reverse of petals old gold. One of the best of the dark Chrysanthemums. P. & M., 1893.
- Mrs. W. S. Kimball.** J. Flower large, creamy white, with yellowish centre. Winner of eight first prizes in 1891. P. & M., 1892.
- Mrs. Walter Cutting.** J. A grand flower, pearly white, suffused with blush pink at the tips of the petals; perfectly incurved, with strong, stout stems.
- Mrs. William Clark.** J. Large and double; purest white; late. P. & M., 1893.
- Mrs. William Trelease.** HJ. Flowers very large full double, of a beautiful shade of pink. P. & M., 1893.
- Newark.** S. Large; pure white. P. & M., 1892.
- Nightingale.** A. Blush pink; small centre and long rays. P. & M., 1893.
- Nineveh.** J. Large; pink. A free grower.
- Niveus.** J. Grand snow white variety. Winner of six prizes in 1892.
- Nonesuch.** J. Snow white; reflexed.

CHRYSANTHEMUMS—CONTINUED.

Price: 20c. each; \$1.50 per doz.

- Notaire Boursignour.** C. Buff. Fine flower.

O. P. Basset. J. Large and full; deep red.

Old Homestead. J. Medium size; white, with lemon centre.

Old Lady. HJ. Large; pure white; very hairy. P. & M., 1893.

Orange Beauty. P. Orange yellow.

Penguin. A. Creamy white, yellow centre. P. & M., 1893.

Perle. J. Clear, waxy rose; early.

Pigeon. A. Pale pink disk; petals strap shaped, rays few. P. & M., 1892.

Portia. J. Delicate pink; dwarf.

President William R. Smith. J. Double; fine self pink.

Prosperity. J. Large, full double; primrose yellow. P. & M., 1892.

Rohallion. J. Medium size, deep and full; clear chrome yellow. P. & M., 1890.

Robert McInnes. J. Good bronze. Winner of three first premiums.

Ruby. J. Deep blood red. A strong grower.

San Joaquin. A. Large; rays pure white, centre yellowish. P. & M., 1893.

Shenandoah. J. Deep chestnut brown.

Summit. J. Of medium size; lemon yellow.

Sweet Lilac. J. Large, full and double; rosy lilac. P. & M., 1893.

Temptation. J. Creamy white, tinted pink; late.

The Queen. J. Extra large, semi-globular; pure white.

Theodore Bock. J. Rosy lilac, changing to almost white.

Trenton. S. Large; pure white. P. & M., 1892.

Turban. J. Large, reflexed; red bronze and old gold.

V. H. Hallock. J. Pearly rose, deeper in centre.

Valentine. C. Very double, good size; yellow.

Vesuvius. J. Large, double; bronze yellow. A strong grower.

Vivian Morrel. J. Tender, silky rose.

W. A. Manda. HJ. Very large; clear golden yellow; vigorous in growth, and with stout stems. P. & M., 1892.

W. G. Newitt. J. White; centre upright, rim drooping.

W. J. Palmer. J. P. & M., 1893. For description see page 22.

W. N. Rudd. J. Perfectly double; pale lavender pink.

Walter Hunnewell. J. Extra large, perfectly double; bronze yellow; incurved; dwarf. Of vigorous habit.

White Lady. P. Pure white.

White Tresses. J. Massive flower, full double, twisted petals; white. P. & M., 1893.

William Falconer. J. Large; white, shaded pink.

William Holmes. J. Large; upper surface red, lower old gold.

William H. Lincoln. J. Large; yellow; with straight, flat petals.

Wyndmoor. J. Large, very double; chestnut red.

Collections at Reduced Prices.

Whenever the selection of varieties is left to us, our customers may be assured that no poor, old, or valueless sorts will be sent. We believe that our reputation for square dealing is such that no one will make a mistake who leaves the selection to us.

12 plants, in 12 varieties, assorted, our selection, for.....	\$1 50
25 " 25 " 66 66 66 66	2 75
50 " 50 66 66 66 66 66	5 00
100 " 100 66 66 66 66 66	10 00
250 " 250 66 66 66 66 66	25 00



HERBACEOUS PÆONY. (See page 58.)

HARDY PLANTS.

We were awarded Medal and Diploma for Collection of Herbaceous Plants at the World's Fair in 1893, also separate Medals and Diplomas for Collection of Pyrethrums and Collection of Iris.

To the person of limited income who cannot employ a gardener, and of limited time, the hardy plants may supply, in a measure, the place of the greenhouse and extensive collections of the more wealthy. And among the hardy plants there is such variety, including the hardy bulbs, herbaceous plants and shrubs, that such a one may well be satisfied. Once planted they require next to no attention whatever for several years, only to cut down the dead tops of the herbaceous plants in the fall, and to perhaps trim the shrubs a little as they require it. For the rest, perfection and success depend upon the selection of varieties and the preparation of the soil in advance; for to gain the best results the plants should be well fed.

The Hardy Herbaceous Plants and Shrubs may be set out in either fall or spring; the Bulbs, being for the most part spring flowering, have to be planted in the fall, though the Lilies and many other autumn blooming bulbous plants may be set out in the spring. This latter class are included in our Seed Catalogue, the spring blooming sorts being included in our Catalogue of Bulbs for Fall Planting, which is published in August.

Hardy Herbaceous Plants may be planted in a mixed border along a boundary or walk, and by a proper selection of varieties flowers may be had from earliest spring to late October. Some are of dwarf habit, and such should be planted in front, taller sorts being planted in sequence, until at the back there may be a line of stately Hollyhocks, Sunflowers, Roses of Sharon, or tall growing Lilies, intermixed, perhaps, with spring flowering shrubs. And with a slight knowledge of the habits of the plants, varieties may be selected which will thrive under any conditions and in any kind of soil—wet, dry, sunny or shady, there are plants for all.

Our stock of Hardy Herbaceous Plants is the largest in the country, and includes many more varieties than are enumerated in the pages following. Here we have space only for the very best, and every variety enumerated has distinct merit. All are free flowering and of the easiest culture.

Where the selection of varieties is left to us we will send only valuable varieties, and we believe that our customers would be better satisfied, when they are preparing a hardy garden, if the selection is, in part, left to us, and we are able to offer collections of plants, our selection, at the greatly reduced prices named below :

Collections of Hardy Herbaceous Perennials.

Our Selection.

12 plants for mixed border, in	12 varieties.....	\$2 00
25 plants for mixed border, in	25 varieties.....	3 75
50 plants for mixed border, in	50 varieties.....	7 00
100 plants for mixed border, in	100 varieties.....	12 00
500 plants for mixed border, in	100 varieties.....	55 00
1,000 plants for mixed border, in	1,000 varieties.....	95 00



ACHILLEA SERRATA PLENA, "THE PEARL." (See opposite page.)

Condensed List of Hardy Perennials Recommended for General Planting.

Varieties most strongly recommended are starred (*).

Six plants furnished for the price of five.

	Each.
Achillea millefolia rubra. Flowers rose color, in clusters, all summer.....	\$0 25
* A. serrata plena , "The Pearl." Pure white, in dense clusters. The best summer white for cutting. (See illustration opposite.).....	25
A. tomentosa. Dwarf, with downy foliage and yellow flowers	20
Aconitum Fischerii. Flowers hood-shaped, bright blue, in spikes; autumn.....	25
* Agrostemma coronaria (Rose Campion). Large rose-red flowers, woolly foliage; all summer.....	20
* A. coronaria alba. Same as preceding, but with white flowers.....	25
* Ajuga Genevensis. Dwarf ; spikes of blue flowers; spring.....	25
A. pyramidalis alba. Flowers white, in spikes; spring.....	35
A. reptans. Creeping plant, compact foliage, blue flowers; spring	25
A. reptans variegata. A lovely little plant for edgings; leaves ashy green and white.	35
Althaea rosea (Hollyhock). An old favorite. Double and single; mixed colors, including red, white, yellow, etc	25
* Alyssum saxatile compactum. Yellow flowers borne on compact clumps of silver gray foliage.....	25
* Anemone Japonica alba. Large white flowers with yellow centre. The best white autumn blooming plant.....	25
* A. Japonica rosea. As preceding, but pale rose color.....	25
* A. Japonica elegans. Deeper in color and semi-double; fine.....	30
* A. Pennsylvanica. White, 1 to $1\frac{1}{2}$ inches across. May and June.....	25
A. sylvestris. Pure white; fragrant; spring.....	25
Aquilegia Canadensis (Columbine). Scarlet and yellow, nodding; spring.....	25
* A. chrysanthia (Golden Columbine). Flowers long spurred, yellow; all summer.....	25
* A. vulgaris alba (White Columbine). Nodding, spurred, white flowers; spring.....	20
Aquilegia, Mixed , including choice hybrids and species.....	15
* Arabis albida (Rock Cress). Dwarf rock plant with hoary foliage and small white flowers; spring.....	20
Artemisia Ludoviciana. Silver gray, aromatic foliage.....	25
* A. pontica. For carpet bedding; silvery foliage.....	20
Asclepias tuberosa (Butterfly Weed). Bright orange, in large clusters. For sandy soil; summer.....	25
Aster. Blue, purple or lilac flowers; autumn. Mixed varieties	20
Baptisia australis (Blue False Indigo). Blue, in long racemes; early summer.....	25
Callirhoe involucrata (Poppy Mallow). Trailing plant; flowers 2 inches across, bright crimson; spring.....	25
* Campanula Carpatica (Bell Flower). Dwarf ; large blue, bell-shaped flowers; summer.....	20
C. Carpatica alba. As preceding, with white flowers.....	20
C. grandiflora. Slate blue, 3 inches across.....	25
C. lactiflora. Flowers blue, in spikes; summer	20
C. persicifolia. Pale blue, in slightly one-sided racemes.....	20
C. persicifolia alba. With white flowers; early summer	20
* C. persicifolia alba grandiflora. New, and a grand plant, with large white flowers.....	50
* Clematis Davidiana. Hyacinth-like flowers, pale blue, in axillary whorls.....	35
C. Stans. Similar to <i>C. Davidiana</i> , but with white flowers.....	35
For climbing species of Clematis, see page 63.	
* Convallaria majalis (Lily of the Valley). Well known, white, sweet scented; for shady place. Fine clumps.....	35

HARDY PERENNIALS—CONTINUED.

	Each.
Convallaria majalis aurea marginata. Has leaves margined with yellow	\$0 35
* Coreopsis grandiflora. Golden yellow, three inches across, on wiry stems; all summer	20
* C. lanceolata. As preceding, but not so large. Both are grand for cutting.....	15
C. rosea. Low growing, flowers rose color; summer.....	20
Crucianella stylosa. Creeping plant; whorled leaves and rosy flowers.....	20
* Delphinium Sinense (Larkspur). Flowers in spikes; blooming freely all summer. Separate colors, white, light blue and dark blue. 20 cents. Mixed colors...	15
D. formosum. Sky blue, shaded indigo, in spikes; all summer.....	25
* D. Belladonna. Pale sky blue; a beautiful and distinct variety.....	35
* D. hybridum (Bee Larkspur). Dark or light blue, 3 to 4 feet; all summer	25
* Delphinium, Fine Named Hybrid Varieties , double and single.....	35
Dianthus barbatus (Sweet William). In shades of pink, red and white, mottled. Late spring.....	15
D. Hispanicus. Bright crimson, shaded. Summer.....	20
* D. plumarius plenus (Double Pheasant's Eye). Rose-colored; very fragrant; spring..	20
* D. plumarius albus plenus. Double white form; very fragrant.....	20
* D. superbus (Fringed Pink). Margins deeply fringed; very sweet scented; spring...	20
* D. Mrs. Sinkin (Hardy Carnation). Large, pure white, double, fragrant; spring....	25
Dicentra eximia. Pink, heart-shaped, in racemes; foliage fern-like; summer.....	25
D. spectabilis (Bleeding Heart). Rose-red, heart-shaped, drooping, in racemes; spring,	20
* Digitalis gloxinoides (Foxglove). Large tubular flowers, purple, in tall spikes; for shrubbery; early summer.....	15
Doronicum Clusii (Leopard's Bane). Daisy-like flowers, bright yellow, 3 inches across; spring.....	30
* D. plantagineum excelsum. Large, bright yellow; finest yellow spring flower....	30
* Erysimum pulchellum. Dwarf, forming cushion-like clumps; yellow; spring.....	20
* Eryngium amethystinum. Stems, leaves and thistle-like flowers with blue metallic lustre; for shrubberies.....	20
Euphorbia corollata. White, small, in large panicles; for cutting; summer.....	20
Funkia grandiflora. White, in tall spikes; leaves broad	35
F. lanceolata. White; leaves narrower; late summer.....	20
F. lanceolata albo-marginata. Leaves bordered with white.....	25
F. subcordata. White; leaves broad, pale green	20
F. subcordata variegata. Leaves marked with white.....	25
* F. undulata variegata. Leaves with crimped margins, banded with white; flowers lilac; for edgings.....	25
* Gaillardia grandiflora. Flowers 3 inches across, outer portion or limb of rays deep yellow, base and centre crimson or brick red; for the border, or for cutting; blooms freely all summer and fall	25
Glecoma hederacea variegata. Trailing, light green leaves, white margined.....	20
Gypsophila paniculata. White, minute, in cloud-like panicles; for cutting; summer...	20
Helianthus multiflorus plenus (Sunflower). Bright yellow, 4 inches across, as double as a dahlia.....	20
* H. multiflorus grandiflampus. Similar to preceding, but with broad petals, like a chrysanthemum; unexcelled for late summer cutting.....	35
H. doronicoides. A coarse-growing sunflower, for shrubberies and backgrounds.....	25
H. giganteus. 9 to 10 feet high; flowers of medium size; for tall backgrounds.....	25
* H. Maximiliani. Large, 4 inches across, bright yellow, in tall spikes, 5 to 8 feet; grand and late; should be extensively planted.....	20
* H. mollis grandiflorus. 4 inches across, semi-double; foliage gray and woolly, 3 to 5 feet; grand and new.....	25
* H. orgyalis. Flowers medium size, in tall pyramidal racemes; foliage whorled, drooping; desirable and distinct.....	20
* H. rigidus semi-plenus. Semi-double, 4 inches across, brightest yellow, on wire-like stems; 3 to 5 feet; for cutting.....	25

HARDY PERENNIALS—CONTINUED.

	Each.
* <i>Heliospia Pitcheriana</i> . Introduced 1893; flowers 3 inches across, deep yellow, of compact habit, very floriferous; the best yellow summer daisy.....	\$0 25
<i>Hemerocallis flava</i> (Yellow Day Lily). Flowers lily-shaped, sweet-scented.....	20
<i>H. fulva</i> . Flowers tawny yellow.....	15
<i>H. fulva plena</i> . Double form of preceding.....	20
<i>H. Thunbergii</i> . Golden yellow, fragrant; a desirable species.....	25
* <i>Heuchera sanguinea</i> . Evergreen, with tufted, variegated foliage and bright crimson flowers; summer.....	35
<i>Hibiscus incanus</i> . Flowers 5 inches across, white; for tall borders.....	30
<i>H. Moscheutos</i> (Rose Mallow). Flowers rose-colored; 3 to 5 feet.....	25
<i>H. Moscheutos albus</i> . White flowered form, superior to type.....	30
<i>Iberis cordifolia</i> . Evergreen sub-shrub, one foot high; flowers small, white, in clusters.....	25
<i>I. saxatilis</i> . Dwarfer than the preceding.....	25
<i>I. semperflorens</i> . Earlier than others; precariously hardy, except in dry situations, unless covered.....	25
<i>I. semperflorens plena</i> . Double form. All the Iberis named are white flowered.....	40
<i>I. sempervirens</i> (Common Evergreen Candytuft). For spring cutting.....	25
<i>Iris</i> . Among the best of Hardy Plants. Flowers large, upright, on tall stems, of curious shape and delicate colorings. Our stock includes many more varieties than are here offered, but these are the best. All are spring flowering. Our collection of Iris received the Highest Award at Chicago in 1893.	
* <i>I. Germanica</i> . Fine Named Varieties.....	35
<i>flavescens</i> . Primrose, yellow, veined purple.	Mad. Chereau. White, edged and feathered violet.
<i>pallida speciosa</i> . Violet, large.	Rohallion. Yellow and brown red.
<i>Ulysses</i> . Golden yellow, veined white.	
* <i>I. Germanica</i> . Fine Varieties to Color.....	25
Purple	Canary yellow.
White, yellow centre.	White, veined blue.
Light blue, veined dark blue.	Pale lilac, veined blue.
* <i>I. Germanica</i> . Mixed Varieties, for planting in shrubbery, etc. \$1.00 per doz.....	15
* <i>I. Kämpferii</i> (Japanese Iris). Flowers large and flat, in many shades of blue, purple, rose color, white, etc., etc. Choice named varieties.....	35
<i>I. Kämpferii</i> . Mixed Varieties. \$1.00 per doz.....	20
<i>I. amœna</i> . Dwarf, flowers smallish, lilac purple.....	25
* <i>I. cristata</i> . Dwarf, pale lavender, dashed with yellow.....	20
<i>I. cuprea</i> . Foliage bright green, flowers yellow.....	25
<i>I. nudicaule</i> . Bright violet purple.....	25
<i>I. odoratissima</i> . Light blue, sweet scented; very fine.....	25
* <i>I. pallida Dalmatica</i> . Lavender purple, with odor of orange blossoms; foliage glaucous gray; striking.....	30
* <i>I. pseudoacorus variegata</i> . Flowers yellow; foliage broadly striped with straw yellow; one of the best variegated hardy plants.....	35
<i>I. setosa</i> . Flowers bright lilac, clustered, on tall stems.....	25
* <i>I. Sibirica sanguinea</i> . Flowers purple, veined white, 2 to 3 feet high; grand for naturalizing in damp places. \$1.00 per doz.....	15
<i>Lepachys pinnata</i> . Pale yellow, large, daisy-like, petals drooping summer.....	25
<i>Liatris scariosa</i> (Blazing Star). Purple, in tall spikes.....	20
<i>Lotus corniculatus</i> . Creeping, flowers bright yellow; spring.....	20
<i>Lychnis alpina</i> . Dwarf, 4 inches, in tufts; bright pink.....	25
<i>L. Chalcedonica</i> . Scarlet, in spikes; early summer.....	25
<i>L. Haageana</i> . Bright scarlet, an inch across, in tall spikes.....	25

HARDY PERENNIALS—CONTINUED.

	Each.
* <i>L. viscaria splendens</i> . Deep rose red, in spikes, from tufts of foliage; spring.....	\$0 25
* <i>L. viscaria splendens plena</i> . A fine double variety.....	30
<i>Lysimachia Nummularia</i> (Moneywort). Creeping, will grow in shade; yellow.....	15
* <i>Monarda didyma</i> (Bee Balm). Bright red, in compact heads; aromatic; summer.....	20
<i>Myosotis palustris semperflorens</i> (Forget-me-not). Blue, for moist situation; all summer.	25
<i>Opuntia Raffinesquii</i> (Prickly Pear). Hardy spiny Cactus; flowers yellow; spring.....	25
* <i>Paeonia</i> , Herbaceous Varieties. Immense, double flowers, usually sweet-scented; in a variety of colors and shades. Invaluable for May and June cutting or for masses in the lawn. See illustration page 52.....	35
Crimson.	Pale pink.
Dark rose.	Pure white.
Light rose.	Flesh color.
Rose, blush centre.	Rose, blush tips.
* <i>P. Double, mixed colors.</i>	25
* <i>P. officinalis</i> . The old fashioned, dark red, double variety.....	25
<i>P. tenuifolia</i> . Foliage distinct, fern-like; flowers deep carmine.....	35
* <i>Papaver bracteatum</i> . Flower 6½ to 7 inches across, bright red, with black centre; 3 to 4 feet high.....	25
* <i>P. involucratum maximum</i> . Not so tall as the preceding.....	25
* <i>P. nudicaule</i> . Dwarf, a foot high; flowers yellow, deep orange, or white.....	20
<i>P. orientale</i> . Large, bright red, black centre.....	20
* <i>P. Parkmanii</i> . Bright red, larger than any of preceding varieties.....	50
<i>Pardanthus Sinensis</i> . Flowers orange, fruit blackberry-like; for shrubberries.....	25
* <i>Pentstemon barbatus Torreyii</i> . Bright scarlet, in spikes 3 feet high; summer.....	25
<i>P. diffusus</i> . Purple, in spikes 1½ feet high.....	25
* <i>P. laevigatus digitalis</i> . White in slender spikes.....	25
<i>P. pubescens</i> . Lilac, 1½ to 2 feet high; summer.....	20
* <i>Phlox amoena</i> . Dwarf creeper with starry flowers, pink, in early spring.....	15
<i>P. Carolina</i> . Reddish purple, in small panicles; spring.....	15
<i>P. paniculata</i> . Among the most useful of hardy plants. Flowers in large panicles, admirable for cutting. We name only the best varieties To name, 25 cents each; mixed varieties.....	15
Mad. <i>P. Langier</i> . Geranium red, vermillion eye.	Michael Buckner. The nearest approach to crimson.
Mad. <i>Salamac</i> . Rose-red, crimson eye.	Croix de Worms. White and lavender.
Jeanne d'Arc. White, large rose-red eye.	Pandere. White, flushed, lilac, large crimson eye.
Richard Walter. White, magenta eye.	The Pearl. Pure white, large panicles, unsurpassed for cutting.
Blush. White, flushed lilac.	
* <i>P. reptans</i> . Creeping; flowers purple; spring.....	20
* <i>P. subulata</i> (Moss Pink). Dwarf, with matted, moss-like foliage, flowering profusely in spring. For poor soil.....	15
* <i>P. subulata alba</i> . White-flowered form; very fine.....	20
<i>Polemonium cæruleum</i> (Jacob's Ladder). Bright blue, in spikes, from ferny foliage; spring.....	20
<i>P. reptans</i> . Dwarf, foliage forming dense clumps.....	25
* <i>Pyrethrum roseum</i> . Among the best of hardy plants; double, in a variety of colors, like small chrysanthemums; spring. Our collection of Pyrethrums was awarded Medal and Diploma at Chicago in 1893. Varieties to name, 30c.; Mixed varieties.....	25
Argentine. Pure white, small.	Mont Blanc. Large white.
Capt. Nares. Deep purplish rose; grand.	Gloire d'Italie. Deep rose color.
Celia. Bright pink.	Olivia. Fine white.
* <i>P. uliginosum</i> (Giant Daisy). Flower white, with yellow centre, free-flowering and showy; autumn.....	25

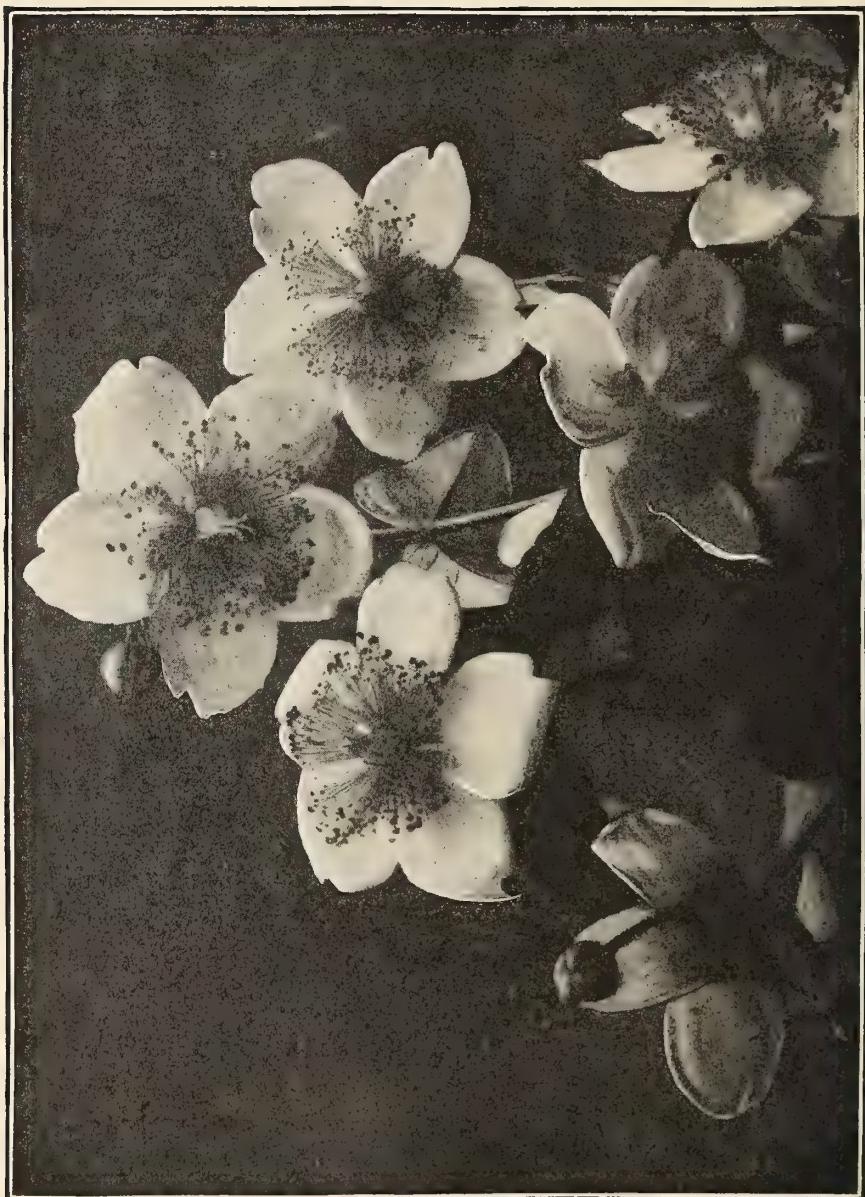
HARDY PERENNIALS—CONTINUED.

	Each.
<i>Rudbeckia laciniata</i> . Yellow, 2 to 2½ inches across; summer.....	\$0 25
<i>R. maxima</i> (Cone Flower). 3 inches across, yellow, with drooping rays, foliage glaucous.....	30
* <i>R. speciosa</i> (Ox-Eye Daisy). Yellow, with dark purple disc; for sunny place; summer.....	25
<i>R. sub-tomentosa</i> . Tall, 3 to 4 feet, yellow, brown centre.....	25
<i>Salvia pratensis</i> . Bright blue, in spikes; spring.....	25
* <i>Sedum Fabarium</i> . Foliage dark red; flowers red, in terminal clusters; summer.....	25
* <i>S. spectabile</i> . Foliage thick, light green, flowers pale pink in flat clusters.....	25
* <i>S. spectabile album</i> . Variety with white flowers.....	20
<i>S. Maximowice</i> . Fine species, with reddish green foliage and flowers.....	25
<i>Silphium perfoliatum</i> (Compass Plant). Tall, flowers yellow; for shrubberies and backgrounds.....	25
<i>Solidago</i> (Golden Rod). Yellow; autumn. Best species.....	20
<i>Spiraea Aruncus</i> . White, in branching panicles; spring.....	25
<i>S. astilboides</i> . Dwarfer than preceding, white; late spring.....	35
* <i>S. Japonica</i> . One of the best; white, in plumose panicles.....	20
* <i>S. Japonica grandiflora</i> . Improved variety of preceding.....	30
<i>S. palmata</i> . Flowers crimson in terminal panicles.....	25
* <i>S. palmata alba</i> . A white variety; fine and floriferous.....	30
<i>S. ulmaria variegata</i> . Handsome variegated foliage; flowers white.....	25
* <i>Statice latifolia</i> . Flowers minute, blue, in immense panicles.....	35
* <i>Stylophorum diphyllum</i> (Celandine Poppy). Yellow, poppy-like; fine foliage.....	20
<i>Thermopsis Caroliniana</i> . Yellow in tall spikes; spring.....	25
<i>Tradescantia Virginica</i> (Spiderwort). Violet blue, 2 inches across; Iris-like foliage.....	15
* <i>Tunica Saxifraga</i> . Small pink flowers on slender peduncles; for the low border.....	20
* <i>Veronica longifolia subsessilis</i> . Flowers deep blue, in long wand-like spikes; summer and early fall.....	35
* <i>V. rupestris</i> . Creeping; flowers bright blue, in spring.....	20
<i>Vinca minor</i> (Periwinkle). Evergreen trailer, for shady place; flowers blue.....	10
<i>V. minor alba</i> . Flowers white.....	20
<i>V. minor purpurea plena</i> . Double flowers.....	25
<i>Viola cucullata</i> . Blue violet, for shady place; spring.....	10
<i>V. cucullata alba</i> . Flowers white.....	20
<i>V. odorata The Czar</i> . Dark blue, sweet-scented Russian Violet.....	15
<i>Yucca filamentosa</i> (Spanish Bayonet). Flowers wax-like, large, in spikes 3 feet high; for shrubbery, or clumps in the lawn.....	35

Hardy Grasses.

For clumps in the lawn or border, for planting among shrubbery, etc., etc.

	Each.
<i>Elymus glaucus</i> . Three to four feet high, the blades with a bluish metallic lustre	\$2 50
<i>Eulalia Japonica</i> . Bright green all summer, from which rises in the autumn the tall, (3 to 5 feet high) plume-like flower spikes, resembling the Pampas Grass, or Sugar Cane.....	25
<i>E. Japonica variegata</i> . The leaves in this variety are banded longitudinally with pale yellow	50
<i>E. Japonica zebra</i> . The best and most striking variety, the leaves being banded transversely with pale yellow	50
<i>Phalaris arundinacea variegata</i> (Ribbon Grass). A free-growing, variegated grass, growing to a height of 2 to 3 feet.....	15



HYPERICUM MOSERIANUM. $\frac{2}{3}$ natural size. (See opposite page.)

Hardy Shrubs.

We offer below only the best varieties; none tall-growing; suitable for planting in the border, with herbaceous plants, or for groups in the lawn.

Six Plants furnished for the price of five.

	Each.
Andromeda Japonica variegata. A most beautiful, and as yet rare, dwarf shrub, with variegated foliage and white flowers in drooping racemes.....	\$1 00
A. recurva. A valuable shrub with red leaves, red the summer through.....	75
Azalea amœna. Dwarf evergreen, flowers numerous, red; early spring.....	1 00
A. balsamiflora. Dwarf, flowers salmon red; double, like a Camellia. Spring.....	1 00
A. mollis. Flowers large and showy, in various colors, red, yellow, etc. Spring.....	75
Buxus sempervirens (Tree Box). Dwarf, for edgings, etc., evergreen.....	35
Calycanthus glaucus (Sweet-scented Shrub). Flowers chocolate red, fragrant, especially when bruised. June.....	35
Cydonia Japonica (Japan Quince). Bright crimson, in great profusion, before the leaves.....	35
Deutzia candidissima plena. Double, pure white; early summer.....	50
D. crenata plena. Double, white, tinged with rose.....	50
D. gracilis. The sort most grown; flowers white. June. All are dwarf and free-flowering.....	35
Diervilla amabilis rosea (Weigelia). Flowers rose-colored, in great abundance.....	35
D. amabilis rosea variegata. A variety with the leaves marked with yellow.....	35
D. grandiflora. Flowers large, pale yellowish white.....	35
Forsythia Fortunei (Golden Bell). Flowers brightest yellow, drooping; earliest spring.	35
Hydrangea paniculata grandiflora. Immense panicles, white, changing to pink; late summer and autumn, the finest late-blooming shrub.....	35
Hypericum Moserianum (St. John's Wort). Dwarf; covered from July to September with large bright yellow flowers; foliage clear green. (See illustration opposite.)	35
Kalmia latifolia (Mountain Laurel). Evergreen, flowers pink and white.....	50
Ligustrum Japonicum. Glossy evergreen.....	75
L. vulgare (Privet). Foliage glossy green, flowers white.....	35
L. vulgare variegatum. The leaves are marked with yellow.....	50
Mahonia Aquifolium. Evergreen, with shining prickly leaves and bright yellow flowers in May, followed by large blue berries.....	35
Pæonia arborea. Immense double flowers of various colors and shades, red, pink, blush, white, etc., etc. Choice, named varieties.....	2 00
Potentilla fruticosa. Dwarf shrub with yellow flowers; May.....	25
Rhododendron Catawbiense. Large clusters of lilac flowers; foliage thick, evergreen..	1 00
R. maximum. Flowers white, faintly flushed, in immense clusters; evergreen; June.....	75

Our Exhibit of Hardy Plants at the World's Fair in Chicago, in 1893, covered more than an acre of space on the Wooded Island, and was far ahead of every other exhibit, both in number of plants and in excellence. On the collection as a whole we were awarded

MEDAL AND DIPLOMA,

The Highest Honor Conferred.

And in addition we received separate Medals and Diplomas for the following Collections :

Collection of Iris.

Collection of Pyrethrums.

Roses.

We have space to little more than mention the best varieties of this favorite class. The varieties named, though few in number, are all of the very best quality, hardy, free growing, free blooming and with the handsomest flowers.

Select Hardy Roses.

- American Beauty.** Rosy crimson, a constant bloomer.
- Baroness Rothschild.** Tender carnation rose color.
- Anna de Diesbach.** Brilliant crimson, fine form.
- Charles Margottin.** Reddish crimson, cup shaped.
- Captain Christy.** Large and flat, pale peach.
- Coquette des Blanches.** Pure white, rarely tinged rose.
- Marshall P. Wilder.** Velvety maroon.
- Dupuy Jamain.** Large and full, cherry red.
- Eugene Furst.** Velvety crimson, deeper shadings.
- Fisher Holmes.** Resembles Jacqueminot, but fuller.
- Gen. Jacqueminot.** The most esteemed favorite, bright crimson.
- John Hopper.** Rose shaded crimson.
- Jules Margottin.** Bright cherry red.
- La France.** Silvery rose, changing to pink.
- Madame Annie Wood.** Very large, violet crimson.
- Madame Victor Verdier.** Cherry red, changing to rose.
- Magna Charta.** Rose red, flushed crimson.
- Madame Gabriel Luizet.** Clear rose color, suffused pearl.
- Marie Baumann.** Rich ruby red, changing to maroon.
- Paul Neyron.** Bright shining pink.
- Prince Camille de Rohan.** Rich velvety crimson.
- Ulrich Brunner.** Bright magenta red.
- General Washington.** Bright shining crimson.
- Perle Blanche.** Pure white, free blooming.

Price: Strong plants which will give a profusion of bloom, 50 cents each ; \$5.00 per doz.

Select Everblooming Roses.

- Bon Silene.** Rose carmine, shaded salmon.
- Catherine Mermet.** Bright, lustrous flesh color.
- Duchess of Albany.** Rich, even pink.
- Madame Hoste.** Yellow, varying from straw to canary.
- Marie Guillot.** White, tinted yellow.
- Madame de Watteville.** Salmon white, bordered rose.
- Niphетос.** White, sometimes tinted yellow.
- Papa Gontier.** Rose, shaded yellow.
- Perle des Jardins.** Straw yellow, varying to canary.
- Souvenir de Wootton.** Magenta red, passing to crimson.
- The Bride.** A superb white Tea Rose.
- Souvenir de la Malmaison.** Blush white, large.

Price: Nice plants from 2 and 3 inch pots, 15 cents each ; \$1.50 per doz.

WE INVITE CORRESPONDENCE

from any persons contemplating extensive improvements in their gardens or grounds, and from corporations preparing to lay out parks, cemeteries, etc. We are prepared to take entire charge of the laying out of such places, and where desired will send a representative, who will make plans and give suggestions regarding the improvements of such places. We plant trees, evergreens, shrubs, herbaceous plants and bulbs; lay out rock gardens, bog gardens, old-fashioned gardens, make lawns, etc., etc. We undertake everything connected with landscape gardening in its broadest sense.

Hardy Climbers.

For covering bare walls or stonework, old trees and stumps, rustic work, ledges and terraces, vines are necessary. Some are valuable for their flowers, but others for their foliage, which often turns of brilliant colors in the autumn, or is evergreen. All named below are woody.

Six Plants furnished for the price of Five.

	Each.
Ampelopsis quinquefolia (Virginian Creeper). Free-growing climber; leaves turn of the most vivid scarlet in the autumn.....	\$0 20
A. Veitchii (Boston Ivy). An improvement; foliage as brilliantly colored.....	25
Celastrus scandens (Bittersweet). A good climber for trellises; foliage light green; fruit a red aril which hangs on half the winter.....	25
Clematis flammula . A vigorous climber; flowers white, in clusters, sweet scented.....	25
C. paniculata . Foliage glossy green; flowers white, in large clusters; September.....	50
C. Jackmanni Varieties. Valuable for their flowers, which are 3 inches and over across; brilliant purple in the type; in the varieties, white, lavender, lilac, etc.; variously banded. Best varieties.....	50
Euonymus radicans . A creeping or climbing plant; foliage evergreen. Especially valuable for low ledges, base walls of buildings, etc.....	20
E. radicans variegata . Much better than the type for every purpose; foliage ashy green and white, turning deep red in autumn.....	25
Lonicera aurea reticulata . (Netted Honeysuckle). Netted yellow foliage and fragrant white flowers.....	25
L. Halleana . Flowers very fragrant, white and buff.....	25
L. sempervirens . (Red Honeysuckle). A strong growing variety.....	25
Tecoma grandiflora (Trumpet Creeper). Flowers very large, orange red, trumpet-shaped.....	40
Wistaria Sinensis . Flowers blue, in drooping clusters; a vigorous climber.....	40
W. magnifica . Pale lilac, in drooping clusters.....	40

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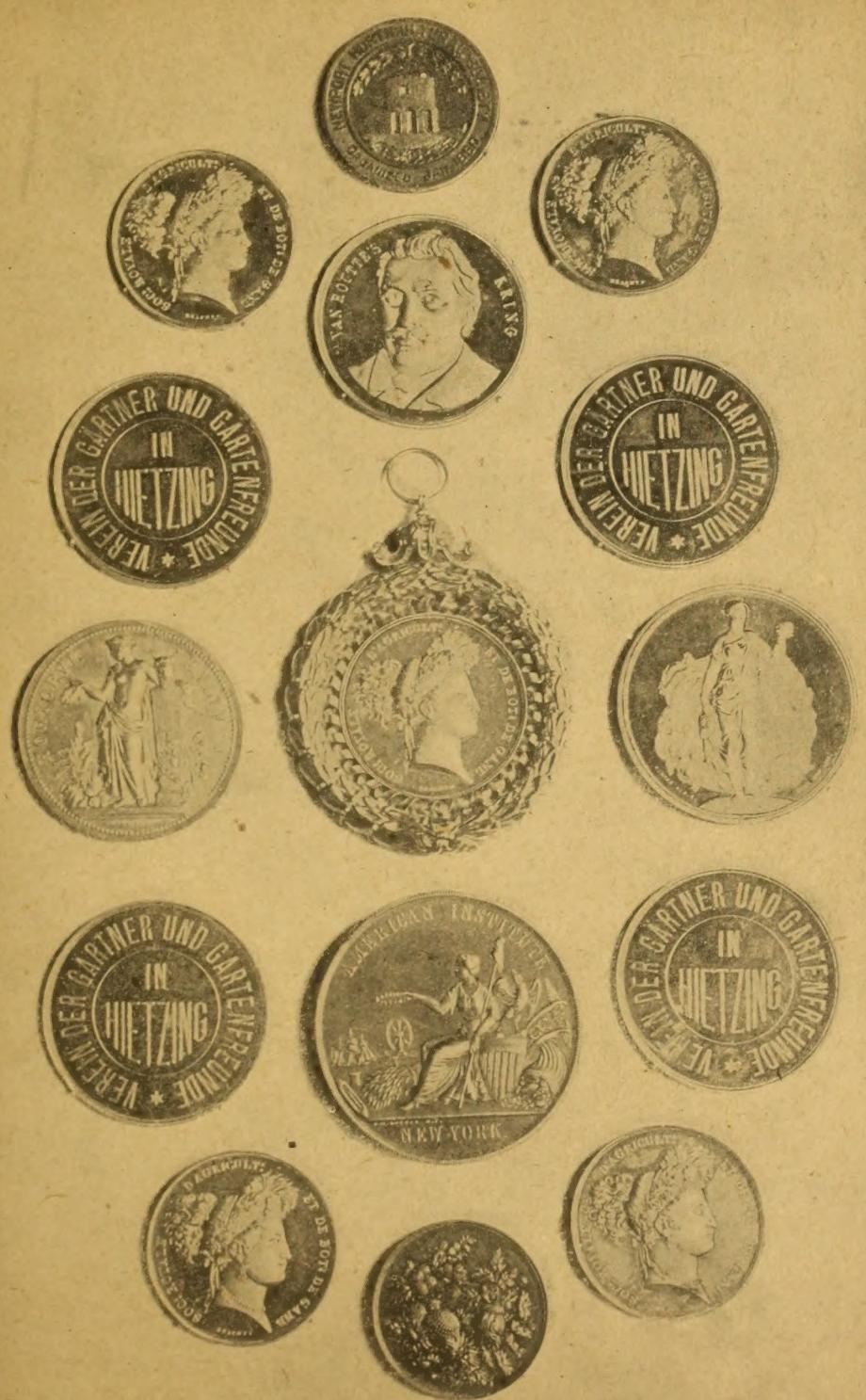
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ENGLISH AND AMERICAN GOLD, SILVER AND BRONZE MEDALS AWARDED PITCHER & MANDA.

ONE-THIRD NATURAL SIZE.



TREE FERN FOREST AT SHORT HILLS.